LBT-D670AV/N555AV

SERVICE MANUAL

US Model Canadian Model LBT-D670AV

• LBT-D670AV/N555AV are composed of following models.

As for the service manual, it is issued for each component model, then, please refer to it.

AEP Model UK Model E Model Australian Model PX Model

COMPONENTS MODEL NAME FOR LBT-D670AV/N555AV

	LBT-D670AV	LBT-N555AV	
	US, CND	AEP, UK, G, IT	E,AUS,PX,MX,AR
COMPACT DISC DECK RECEIVER SYSTEM	HCD-D670AV	HCD-f	N555AV
FRONT SPEAKER SYSTEM	SS-D2700AV	SS-LB555AV	SS-LB655AV
CENTER SPEAKER SYSTEM		SS-CN120	
REAR SPEAKER SYSTEM SS-SR120			

SPECIFICATIONS

General

Power requirements

US, Canadian, Mexican models: 120V AC, 60Hz

AEP, UK, German, Italian models:

220 - 230V AC, 50/60Hz

Australian model: 240V AC, 50/60Hz

Other models:

110 - 120V or 220 - 240V AC, 50/60Hz

Adjustable with the voltage selector.

Power consumption

US model: 170W

Canadian model: 190W

AEP, UK, German, Italian models: 250W

Other models: 240W

Supplied accessories

AM loop antenna (1)

Remote RM-SE1AV (1)

Sony SUM-3 (NS) batteries (2)

FM wire antenna (1)

Speaker cords

Center speaker feet (4)

Design and specifications are subject to change without notice.

COMPACT Hi-Fi STEREO SYSTEM
SONY

PARTS LIST

NOTE:

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Abbreviation

CND: Canadian model : Italian model : German model AUS : Australian model MX : Mexican model AR : Argentine model

Part No. Description

Remark

ACCESSORIES & PACKING MATERIALS

1-473-608-11 REMOTE COMMANDER (RM-SE1AV) 1-501-374-11 ANTENNA, LOOP 1-501-659-41 ANTENNA (FM) (US, CND, E, AUS, PX, MX, AR) 1-501-804-11 ANTENNA (FM) (AEP, UK, G, IT) 1-751-347-11 CORD, CONNECTION (SURROUND 10m) 1-769-317-11 CORD, SPEAKER (RED/BLACK) (for SS-LB555AV/LB655AV) (2.5m) (EXCEPT US, CND) 1-769-433-21 CORD, SPEAKER (SURROUND 2.5m) 1-775-458-11 CORD, SPEAKER (BLUE/BLACK) (for SS-LB555AV/LB655AV) (2.5m) (EXCEPT US, CND) 3-810-986-11 MANUAL, INSTRUCTION (ENGLISH) (US, CND) 3-810-986-22 MANUAL, INSTRUCTION (FRENCH) (CND) 3-810-986-31 MANUAL, INSTRUCTION (ENGLISH) (UK) 3-810-986-41 MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (AEP) 3-810-986-51 MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP, IT) 3-810-986-71 MANUAL, INSTRUCTION (GERMAN) (G) 3-810-987-11 MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, CHINESE) (E, AUS, PX, MX, AR) 4-972-322-01 FOOT (Y) (SURROUND) 4-979-311-01 INDIVIDUAL CARTON (US) 4-979-312-01 INDIVIDUAL CARTON (AUS, PX) 4-979-313-01 INDIVIDUAL CARTON (E, MX, AR) 4-979-314-01 INDIVIDUAL CARTON (CND) 4-979-315-01 INDIVIDUAL CARTON (INDONESIA PRODUCT) (AEP, UK, G, IT) 4-979-431-01 CUSHION (BOTTOM) (HCD) 4-979-452-01 CUSHION (for SS-D270AV) (US, CND) 4-980-140-01 CUSHION (UPPER) (HCD) 4-980-316-01 INDIVIDUAL CARTON (for SS-LB655AV) (AUS, PX) 4-980-317-01 INDIVIDUAL CARTON (for SS-LB655AV) (E, MX, AR) 4-980-318-01 INDIVIDUAL CARTON (for SS-LB555AV) (AEP, UK, G, IT) 4-980-685-01 CUSHION (for SS-LB555AV) (AEP, UK, G, IT) 4-981-643-01 COVER, BATTERY (for RM-SE1AV)

> Sony Corporation Consumer A&V Products Company Home A&V Products Div.

> > -2-

4-981-902-01 INDIVIDUAL CARTON (MALAYSIA PRODUCT) (AEP)

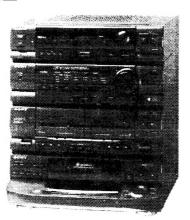
4-983-124-01 CUSHION (for SS-LB655AV) (E, AUS, PX, MX, AR)

4-982-589-01 CUSHION (CR) (UPPER) (SURROUND) 4-982-590-01 CUSHION (CR) (LOWER) (SURROUND)

> English 96C090496-1 Printed in Japan © 1996.3

HCD-D670AV/N555AV

SERVICE MANUAL



US Model Canadian Model HCD-D670AV AEP Model UK Model E Model Australian Model PX Model

HCD-N555AV

HCD-D670AV, HCD-N555AV are the tuner, deck, CD and amplifier section in LBT-D670AV, LBT-N555AV

Photo: HCD-N555AV

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- Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol DO are trademarks of Dolby Laboratories Licensing Corporation.

CD SECTION	Model Name Using Similar Mechanism	NEW
	CD Mechanism type	CDM37-5BD19
	Base Unit Type	BU-5BD19
	Optical Pick-up type	KSS-213BA/S-N
TAPE	Model Name Using Similar Mechanism	HCD-N350
DECK SECTION	Tape Transport Mechanism Type	TCM-220WR2E

SPECIFICATIONS

AUDIO POWER SPECIFICATIONS (US model)

POWER OUTPUT AND TOTAL HARMONIC DISTORTION: With 6 ohm loads, both channels driven, from 70-20,000 Hz; rated 50 watts per channel minimum RMS power, with no more than 0.9 % total harmonic distortion from 250 milliwatts to rated output (FRONT SPEAKER)

CD player section

System

compact disc

digital audio system

Laser

Semiconductor laser

 $(\lambda = 780 \text{nm})$

Emission duration:

continuous

laser output

Max 44.6 μW*

This output is the value measured at a distance of 200 mm from the objuctive lens surface on the Optical Pick-up Block with 7 mm aperture.

Frequency response

2 Hz-20 kHz (± 0.5 dB)

wavelength

780-790 nm

Tuner section

FM stereo, FM/AM superheterodyne tuner

FM tuner section

87.5-108.0 MHz

(100 kHz step for US, Canadian models) (50 kHz step for except US, Canadian models)

MICROFILM

Antenna FM wire antenna Aerial terminals 75 ohm unbalanced

Intermediate frequency

10.7 MHz

AM tuner section

Tuning range

US, Canadian models:

530-1,710 kHz (with the tuning interval set at 10 kHz)

531-1,710 kHz (with the tuning interval se at 9 kHz)

German and Italian models:

AM: 531-1,602 kHz

AEP, UK models:

MW: 531-1.602 kHz

LW: 153-279 kHz (with the tuning inteval set at 3 kHz)

Other models:

531-1,602 kHz (with the AM tuning interval set at 9 kHz)

530-1,710 kHz (with the AM tuning interval set at 10 kHz)

AM loop Antenna Antenna

External Antenna

terminals Intermediate frequency

450 kHz

- Continued on next page -



Tape player section Recording system 4-track 2-channel stereo Frequency response (DOLBY NR OFF) 40-13,000 Hz (±3 dB), using SONY TYPE I cassette 40-14,000 Hz (±3 dB), using SONY TYPE II cassette Wow and flutter ± 0.15% W.Peak (IEC) 0.1% W.RMS (NAB) ± 0.2% W.Peak (DIN) **Amplifier section** US, Canadian models: Continuous RMS power output: FRONT SPEAKER: 60 W + 60 W (6 ohms at 1 kHz, 5% THD) CENTER SPEAKER: 50 W (8 ohms at 1 kHz, 5% THD) REAR SPEAKER: 25 W + 25 W (16 ohms at 1 kHz, 5% THD) AEP, UK, German, Italian models: DIN power output: FRONT SPEAKER: 40 W + 40 W(6 ohms at 1 kHz) SUPER WOOFER: 40 W + 40 W (6 ohms) SURROUND SPEAKER CENTER: 35 W (8 ohms at 1 kHz) SURROUND SPEAKER REAR: 17.5 W + 17.5 W (16 ohms at 1 kHz) Continuous RMS power output: FRONT SPEAKER: 50 W + 50 W (6 ohms at 1 kHz, 10% THD) SUPER WOOFER: 50 W + 50 W (6 ohms, 10% THD) SURROUND SPEAKER CENTER: 42 W (8 ohms at 1 kHz, 10% THD) SURROUND SPEAKER REAR: 21 W + 21 W (16 ohms at 1 kHz, 10% THD) Music power output: FRONT SPEAKER: 80 W + 80 W (6 ohms at 1 kHz, 10% THD) SUPER WOOFER: 80 W + 80 W (6 ohms, 10% THD) SURROUND SPEAKER CENTER: 70 W (8 ohrns at 1 kHz, 10% THD) SURROUND SPEAKER REAR: 35 W + 35 W(16 ohms at 1 kHz, 10% THD) Other models: Peak music power output: 1,400 W (6 Ω at 1 kHz, 10% THD) Continuous RMS power output: FRONT SPEAKER

45 W + 45 W (6 ohms, at 1 kHz, 5% THD)

20 W + 20 W (16 ohms, at 1 kHz, 5% THD)

45 W + 45 W (6 ohms, 5% THD) SURROUND CENTER SPEAKER 40 W (8 ohms, at 1kHz 5% THD) SURROUND REAR SPEAKER

SUPER WOOFER

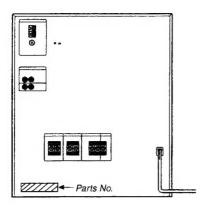
Inputs PHONO (phono jack): Sensitivity 3 mV, impedance 47 kilohms VIDEO (AUDIO) (phono jack): Sensitivity 250 mV, impedance 47 kilohms MIC (phone jack): (E, Australian, Mexican, PX, Aregentine models) Sensitivity 1 mV, impedance 10 kilohms Outputs PHONES (phone jack): US, Canadian, AEP, UK, German, Italian models: accept headphones of 8 ohms or more Other models: accept headphones of 6 to 16 ohms FRONT SPEAKER: accept impedance of 6 to 16 ohms SURROUND SPEAKER REAR: accept impedance of 16 ohms SURROUND SPEAKER CENTER: AEP, UK, German, Italian models: accept impedance of 8 ohms E, Australian, PX, Argentine, Mexican models: accept impedance of 8 to 16 ohms SUPER WOOFER: AEP, UK, German, Italian models: accept impedance of 16 ohms E, Australian, PX, Argentine, Mexican models: accept impedance of 6 to 16 ohms General Power requirements AEP, UK, German, Italian, models: 220-230 V AC, 50/60 Hz Australian model: 240 V AC, 50/60 Hz US, Canadian, Mexican model: 120 V AC, 60 Hz Other models: 110-120 V or 220-240 V AC adjustable, 50/60 Hz Power consumption US model:170 W Canadian model:190 W AEP, UK, German, Italian models:250 W Other models: 240W Dimensions Approx. 355 x 425 x 400 mm (14 x 16 3/4 x15 3/4 inches) (w/h/d) incl. projecting parts and controls Mass US, Canadian models:

US, Canadian models:
Approx. 12.4 kg (27 lb 6 oz)
Except US, Canadian models:
Approx. 13 kg (28 lb11 oz)

Disegn and specifications subject to change withoutnotice.

MODEL IDENTIFICATION

- BACK PANEL -



MODEL	PARTS No.
D670AV: US model	4-978-193-0□
D670AV: Canadian model	4-978-193-1□
N555AV: AEP model	4-978-193-2□
N555AV: German model	4-978-193-3□
N555AV: Italian model	4-978-193-4□
N555AV: UK model	4-978-193-5□
N555AV: E model	4-978-194-0□
N555AV: Argentine model	4-978-194-1□
N555AV: Australian model	4-978-194-2□
N555AV: PX model	4-978-194-3□
N555AV: Mexican model	4-978-194-4□

NOTE: The AEP model has Indonsian and Malaysia products.
The contents of both products are completely the same.

Notes on chip component replacement

- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

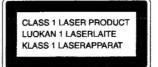
Flexible Circuit Board Repairing

- Keep the temperature of soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Laser component in this product is capable of emitting radiation exceeding the limit for Class 1.



This appliance is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT MARKING is located on the rear exterior.

CAUTION	;	INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO BEAM.
ADVARSEL	;	USYNLIG LASERSTRÅLING VED ÅBNING NÅR SIKKERHEDSAFBRYDERE ER UDE AF FUNKTION. UNDGÅ UDS ÆTTELSE FOR STRÅLING.
VAROI	;	AVATTAESSA JA SUOJALUKITUS OHITETTAESSA DLET ALTTINA LASERSÄTEILYLLE.
VARNING	;	LASERSTRÄLING NÄR DENNA DEL ÄR OPPNÅD OCH SPÄRREN ÄR URXOPPLAD.
ADVARSEL	;	USYNLIG LASERSTRÄLING NÄR DEKSEL ÄPNES UNNGÅ EKSPONERING FOR STRÄLEN.

This caution label is located inside the unit.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK \triangle OR DOTTED LINE WITH MARK \triangle ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE A SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY CHECK-OUT

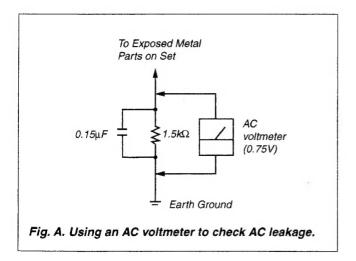
After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)



SERVICING NOTE

NOTES ON HANDING THE OPTICAL PICK-UP BLOCK OR BASE UNIT

The laser diode in the optical pick-up block may suffer electrostatic break-down because of the potential difference generated by the charged electrostatic load, etc. on clothing and the human body.

During repair; pay attention to electrostatic break-down and also use the procedure in the printed matter which is included in the repair parts.

The flexible board is easily damaged and should be handled with care.

NOTES ON LASER DIODE EMISSION CHECK

The laser beam on this model is concentrated so as to be focused on the disc reflective surface by the objective lens in the optical pick-up block. Therefore, when checking the laser diode emission, observe from more than 30 cm away from the objective lens.

[FL Display Tube, LED All Lit and Key Check mode]

When the TUNER/BAND, DISPLAY/DEMO, and FILE 2 buttons are pressed simultaneously, the FL display tube and LEDs will all light up. Press any button to enter the key check mode.

When the key check mode is entered, the FL display tube displays "K 1 J0 V0". Each time a button is pressed, the counter increases in the following order, $K 2 \rightarrow K 3 \rightarrow K 4$.

If buttons already pressed once are pressed again, the counter will not increase. When the VOLUME knob is rotated in the + direction, the count increases in the following order.

$$V1 \longrightarrow V2 \longrightarrow V3$$

When rotated in the – direction, it decreases in the following order. $V0 \rightarrow V9 \rightarrow V8$.

When the AMS dial is rotated in the clockwise direction, the count increases in the following order.

$$J1 \longrightarrow J2 \longrightarrow J3$$
.

When rotated in the counterclockwise direction, it decreases in the following order.

$$J0 \rightarrow J9 \rightarrow J8$$
.

To exit form the test mode, press the TUNER/BAND, DISPLAY/DEMO, FILE 2 buttons simultaneously again.

[Switching the channel step 9 KHz/10 KHz]

Press ENTER/NEXT button and POWER button simultaneously to switch the AM channel step 9 kHz and 10 kHz. Be sure not to change with carelessness.

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• Abbreviation

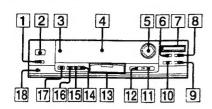
G: German model
IT: Italian model
MX: Mexican model
AUS: Australian model
AR: Argentine model

SECTION 1 GENERAL

This section is extracted from instruction manual.

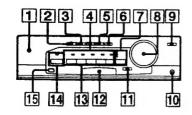
Front Panel

Tuner section



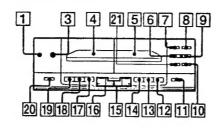
- 1 SLEEP button (29)
- 2 SYSTEM POWER switch (8)
 3 Remote sensor
- 4 Display window (35)
- 5 CURSOR CONTROL buttons (7, 24)
- 6 TUNING MODE button (13)
- 7 TUNING +/- buttons (13)
- 8 TUNER MEMORY button (14)
- 9 STEREO/MONO button (13)
- 10 PTY button (14)*1
- 11 ENTER/NEXT button/indicator (7, 10, 14, 24)
- 12 DISPLAY/DEMO button (7, 15, 23)
- 13 TUNER/BAND button/indicator (13, 20, 30)
- 14 REC button (30)
- 15 DAILY 2 button (30)
- 16 DAILY 1 button (30)
- 17 TIMER SET button (30)
- 18 CLOCK SET button (7)

Amplifier section



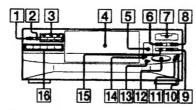
- 1 PHONES jack (23)
- 2 DOLBY PRO LOGIC CENTER button (27)
- 3 DOLBY PRO LOGIC ON/OFF button/ indicator (27)
- 4 HALL button/indicator (24)
- 5 LIVE button/indicator (24)
- 6 THEATER button/indicator (24)
- 7 FILE SELECT button/indicators (23, 25)
- 8 VOLUME control (8, 23, 27)
- 9 DBFB button (23)
- 10 SUPER WOOFER button/indicator (23)*2
- 11 MEMORY button (25)
- 12 FUNCTION button (8, 16)
- 13 FILE 1 5 buttons/indicators (23, 25)
- 14 EFFECT button/indicator (23)
- 15 KARAOKE PON/MPX button *3

Tape player section



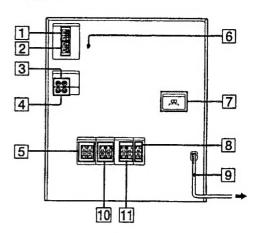
- 1 MIC jack (29)*3
- 3 MIC LEVEL control (29) *3
- 4 Cassette compartment for deck A (15)
 5 Cassette compartment for deck B (15)
- 6 III (pause) button (15)
- 7 HIGH SPEED DUBBING button (20)
- 8 CD SYNCHRO button (16)
- 9 REC (recording) button (16)
- 10 DIRECTION button (16)
- 12 >> (fast rightward) button for deck B (15)
- 13 (fast leftward) button for deck B (15)
- 14 🗆 (stop) button for deck B (15)
- √ (play) button for deck B (15)
- 16 <1/>
 √ (play) button for deck A (15)
- 17 >> (fast rightward) button for deck A (15)
- 18 < (fast leftward) button for deck A (15)
- 19 (stop) button for deck A (15)
- 21 DOLBY NR button*4

CD player section



- 1 MUSIC CLIP PLAY button (12)
- 2 MUSIC CLIP ERASE button (12)
- 3 CLIP A, B, C buttons/indicators (11, 12)
- 4 Front cover (8)
- 6 III (pause) button/lamp (8)
- 7 > (play) button/lamp (8)
- 8 (stop) button (8)
- 9 AUTO button/indicator (8)
- 10 PROGRAM button (10) 11 REPEAT button (10)
- 12 JOG dial (8)
- 13 SHUFFLE button (9)
- 14 CONTINUE button (8)
- 15 DISC SKIP button (8)
- 16 DISC 1 5 buttons (8)

Rear Panel

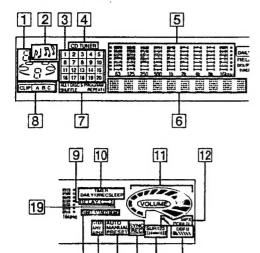


- 1 AM terminal (4)
- 2 FM 75Ω terminal (5)*5 FM 75Ω COAXIAL terminal *1
- 3 PHONO IN jacks (30)
- 4 VIDEO (AUDIO) IN jacks (30)
- 5 FRONT SPEAKER connectors (4)
- 6 h ground terminal (5)
- 7 VOLTAGE SELECTOR *6
- 8 SURROUND SPEAKER CENTER connectors (4)
- 9 AC power cord (6)
- 10 SUPER WOOFER connectors (4) *2
- 11 SURROUND SPEAKER REAR connectors (4)

Note:

- *1 : AEP, UK, German, Italian models.
- *2 : Except US, Canadian models.
- *3 : E, Australian, Mexican, PX, Argentine models
- *4 : US, Canadian, AEP, UK, German, Italian models.
- *5 : Except AEP, UK, German, Italian models.
- *6 : E, PX, Argentine models.

Display Window

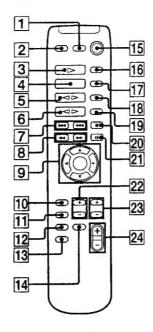


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- Demo mode indications (6)
- 3 Music calendar (8)
- 4 CD/TUNER indication (8)
- 5 Graphic Equalizer indication (22)

18 17 16 15 14

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- 14 SUR indication (16, 22)
- 15 SYNC REC indicator (16)
- 16 Tuning mode indications (13)
- 17 STEP/frequency waves indication (13)
- 18 TUNED/STEREO/MONO indications
- 19 DOLBY NR B indication*4

Remote



- 1 FUNCTION button (8, 16)
- 2 SLEEP button (29)
- 3 CD > (play) button (8)
- 4 TUNER/BAND button (13)
- 5 DECK A <> > button (16)
- 6 DECK B <> □ button (16)
- 7 AMS ► (TUNING +/-) buttons (13)
- 8 **◄✓/>>** buttons (8)
- 9 MUSIC MENU buttons (23)
- 10 PRO LOGIC ON/OFF button (27)
- T. TONE ON/OFF button (28)
- 12 DSP MODE button (24)
- 13 LOOP button (11)
- 14 DSP LEVEL button (25)
- 15 POWER button (8)
- 16 EDIT button (17)
- 17 CHECK button (10, 19)
- 18 CLEAR button (10)
- 19 D.SKIP button (8)
- 20 (stop) button (8)
- 21 11 (pause) button (8)
- 22 CENTER LEVEL +/- buttons (27)
- 23 REAR LEVEL +/- buttons (27)
- 24 VOLUME +/- buttons (23, 27)

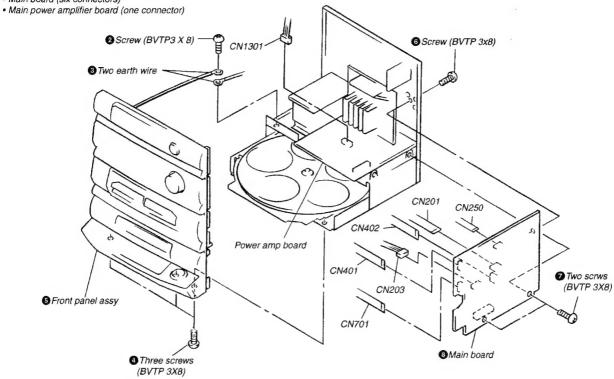
SECTION 2 DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

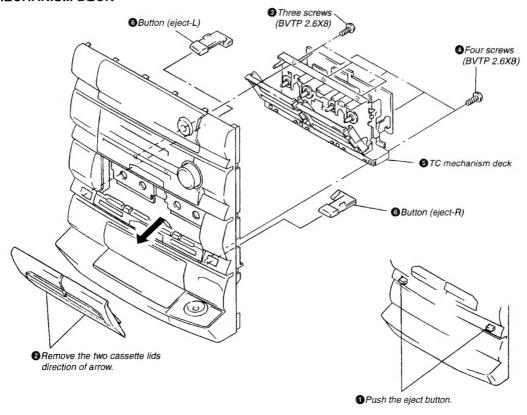
2-1. FRONT PANEL ASSY AND MAIN BOARD

1 Remove the connectors.

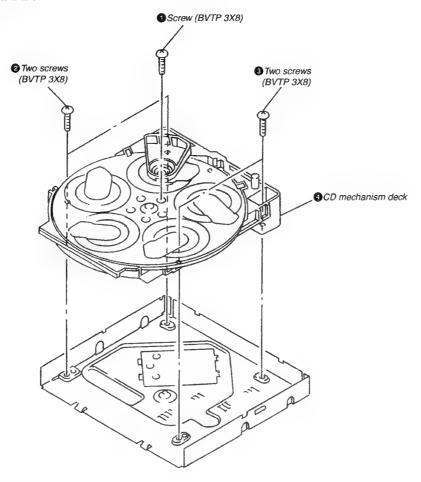
- · Main board (six connectors)



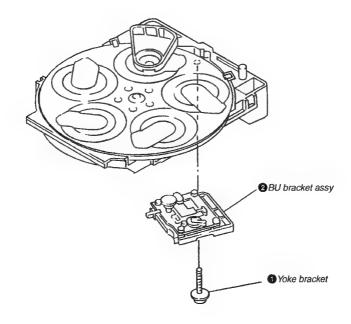
2-2. TC MECHANISM DECK



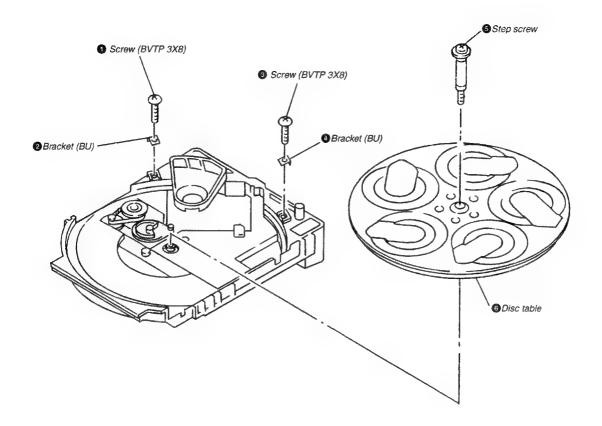
2-3. CD MECHANISM DECK



2-4. BU BRACKET ASSY



2-5. DISC TABLE



SECTION 3 MECHANICAL ADJUSTMENTS

PRECAUTION

 Clean the following parts with a denatured alcohol-moistened swah:

record/playback heads

pinch rollers rubber belts

erase head capstan

idlers

- 2. Demagnetize the record/playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustments.
- 4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.

Torque Measurement

Torque	Torque meter	Meter reading
FWD	CQ-102C	36 to 61g • cm (0.5–0.84 oz • inch)
FWD back tension	CQ-102C	2 to 6g • cm (0.02–0.08 oz • inch)
REV	CQ-102RC	36 to 61g • cm (0.5–0.84 oz • inch)
REV back tension	CQ-102RC	2 to 6g • cm (0.02-0.08 oz • inch)
FF/REW	CQ-201B	61 to 143g • cm (0.85–1.99 oz • inch)
FWD tension	CQ-403A	100g or more (3.53 oz or more)
REV tension	CQ-403R	100g or more (3.53 oz or more)

SECTION 4 ELECTRICAL ADJUSTMENTS

DECK SECTION

0 dB=0.775V

- 1. Demagnetize the record/playback head with a head damagnetizer.
- 2. Do not use a magnetized screwdriver for the adjustments.
- After the adjustments, apply suitable locking compound to the parts adjusted.
- 4. The adjustments should be performed with the rated power supply voltage unless otherwise noted.
- The adjustments should be performed in the order given in this service manual. (As a general rule, playback circuit adjustment should be completed before performing recording circuit adjustment.)
- 6. The adjustments should be performed for both L-CH and R-ch.
- Switches and controls should be set as follows unless otherwise specified.

DOLBY NR switch: OFF (US, CND, AEP, UK, G, IT model)

Таре	Signal	Used for
P-4-A100	10 kHz, -10 dB	Azimuth Adjustment
WS-48B	3 kHz, 0 dB	Tape Speed Adjustment
P-4-L300	315 Hz, 0 dB	Level Adjustment

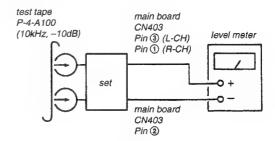
Record/Playback Head Azimuth Adjustment

DECK A DECK B

Note: Perform this adjustments for both decks.

Procedure:

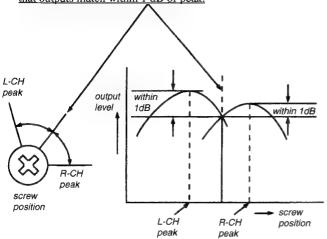
1. Mode: Playback (FWD)



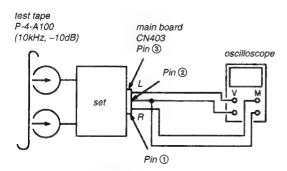
Abbreviation

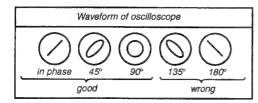
CND: Canadian model.
G: German model.
IT: Italian model.

 Turn the adjustment screw and check output peaks. If the peaks do not match for L-CH and R-CH, turn the adjustment screw so that outputs match within 1 dB of peak.



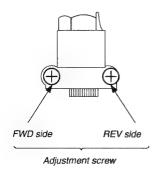
3. Mode: Playback (FWD)





- 4. Repeat steps 1 to 3 in playback (REV) mode.
- After the adjustments, apply suitable locking compound to the parts adjusted.

Adjustment Location: Record/Playback Head (Deck A and B)



Tape Speed Adjustment DECK A

NOTE: Start the tape speed adjustment as bellow after setting the test mode. The tape speed can be changed with the HIGH

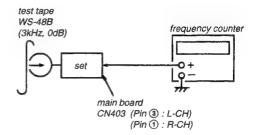
SPEED DUBBING button during the test mode.

Method:

- 1. Turn the power switch on.
- 2. Press the DISPLAY/DEMO button, MENU 1 button and TUNER/BAND button simulateously.

Procedure:

Mode: Playback (FWD)



- 1. Insert tha WS-48B into the deck A to playback.
- Press the HIGH SPEED DUBBING button. Then at HIGH SPEED mode.
- 3. Adjust RV652 on the MD board so that the frequency counter reading becomes $6,000 \pm 30$ Hz.
- Press the HIGH SPEED DUBBING button again to be set the NORMAL SPEED mode.
- 5. Set to the playback mode.
- 6. Adjust RV651 on the MD board so that the frequency counter reading becomes $3,000 \pm 15$ Hz.

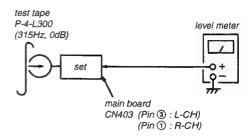
Frequency difference between deck A and deck B the beginning of the tape should be within \pm 1.5%.

Adjustment Location: MD board

Playback Level Adjustment DECK A DECK B

Procedure:

Mode: Playback (FWD)



Deck A is RV311 (L-CH) and RV411 (R-CH), deck B is RV301 (L-CH) and RV401 (R-CH) so that adjustment within the following adjustment level.

Adjustment level:

CN403 PB level : 301.5 to 338.3 mV (-8.2 to -7.2 dB) level difference between the channels : within \pm 0.5 dB

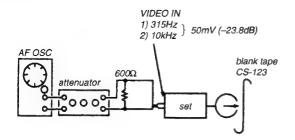
Adjustment Location: MD board

Record Bias Current Adjustment

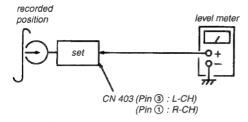
DECK B

Procedure:

1. Mode: record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

If these levels do not adjustment level, adjust the RV341 (L-CH) and RV441 (R-CH) on the MD board to repeat step 1 and 2.

Adjustment level : The playback output of 10 kHz level difference against 315Hz reference should be \pm 0.5 dB

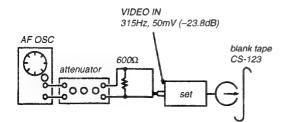
Adjustment Location: MD board

Record Level Adjustment

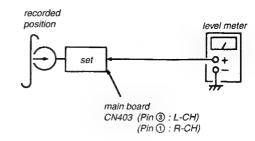
DECK B

Procedure:

1. Mode : record



2. Mode: Playback



Confirm playback the signal recorded in step 1 become adjustment level as follows.

If these levels do not adjustment level, adjust the RV301 (L-CH) and RV351 (R-CH) on the main board to repeat steps 1 and 2.

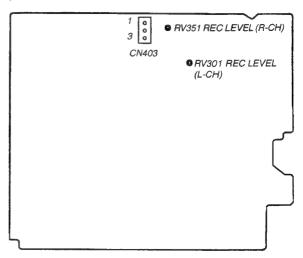
Adjustment level: CN 403 PB level: 47.2 to 53.0 mV

(-24.3 to -23.3 dB)

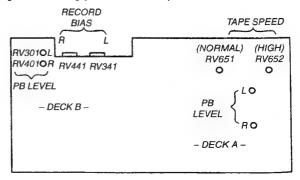
Adjustment Location: main board

Adjustment Location

[MAIN BOARD] (Component Side)



[MD BOARD] (Conductor Side)



TUNER SECTION | 0dB=1µV

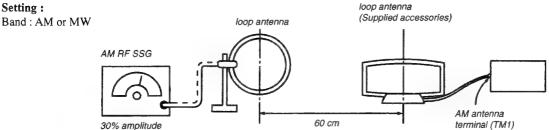
Note: As a front-end (FE1) is difficult to repair if faulty, replace it with new one.

AM Tuned Level Adjustment

Note: FM Tuned Level adjustment should be performed after this AM Tuned Level adjustment.

· Abbreviation

: German model IT : Italian model



Field strength dB (μ V/m)=SGG output level dB (μ V/m)-26dB.

Carrier frequency: 999kHz (at 9kHz step) 1050kHz (at 10 kHz step)

modulation by

400 Hz signal

Procedure:

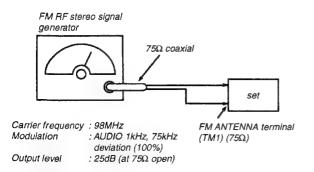
- 1. Set the output of SGG so that the input level of the set becomes 55
- Tune the set to 999 kHz or 1050 kHz.
- 3. Adjust RV41 (AEP, UK, IT, G models), RV42 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

Adjustment Location: TCB board

FM Tuned Level Adjustment

Note: This adjustment should be performed after the AM Tuned Level Adjustement.

Setting: Band: FM



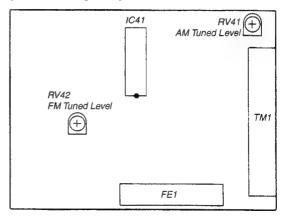
Procedure:

- 1. Supply a 25dB 98 MHz signal from the ANTENNA terminal.
- 2. Tune the set to 98 MHz.
- 3. Adjust RV42 (AEP, UK, IT, G models), RV41 (other models) to the point (moment) when the TUNED indicator will change from going off to going on.

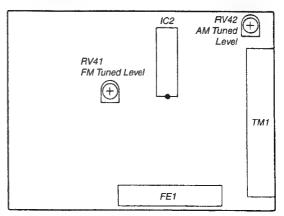
Adjustment Location: TCB board

Adjustment Location

AEP, UK, G, IT model [TCB BOARD] (Component Side)

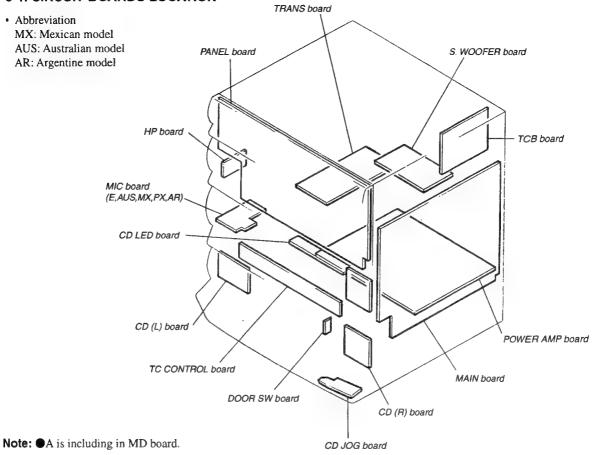


Other model [TCB BOARD] (Component Side)

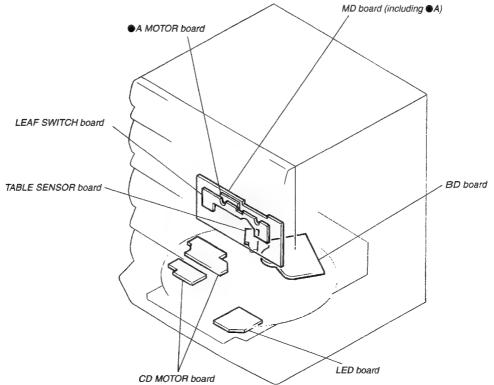


SECTION 5 DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION







5-2. IC PIN FUNCTIONS

• IC501 GRAPHIC CONTROL (ASD0204)

Pin No.	Pin Name	I/O	Function
1	VDD	_	+5V
2	LED8	0	LED drive signal output.
3, 4	LDE7, 6	0	LED drive signal output.
5-9	LED5-1	0	LED drive signal output.
10	RESET	I	Reset signal input.
11	X2	0	X' tal (4 MHz).
12	X1	I	$\int X^{*} \tan \left(4 \text{ MHz}\right)$.
13	IC (Vpp)	_	GND
14	XT2	I	Not used.
15	JOG B	I	AMS encoder signal input.
16	VDD	_	+5V
17, 18	LED10, 9	0	LED drive signal output.
19	KEY SEL	0	Key select control.
20	VOL B	I	Volume encoder signal input.
21	REQ. GM	0	Request signal from/to master control.
22	CLK MG	I	Serial clock input.
23	DATA GM	0	Serial data output.
24	DATA MG	I	Serial data input.
25	AVSS		GND
26-29	SPEANA 4–1	I	Spectram analizer signal input.
30-33	KEY 4-1	I	Key matrix input.
34	AVDD		}+5V
35	AVREF	_	J
36	VOL A	I	Volume encoder signal input.
37	JOG A	1	AMS encoder signal input.
38	RDY MG	I	Ready signal from master control.
39	SIRCS	I	SIRCS signal input.
40	Vss		GND
41	DOR SW	I	CD door open detection input.
42	LED SELECT	0	LED select signal output.
43-45	LED13-11	0	LED drive signal output.
46	VDD		+5V
47, 48	LEDS7, 6	0	Not used.
49, 50	LEDS5, 4	0	Not used. (Pull down)
51-53	LEDS3-1	0	LED drive signal output.
54-78	SEG32-8	0	FL segment signal output.
79	V, LOAD		–25V for FL
80-86	SEG7-1	0	FL segment signal output.
87-100	GR14-1	0	FL grid signal output.

• Abbreviation

FL: Fluorescent Indicator Tube

GND: Ground

• IC701 MASTER CONTROL (TMP87CS64YF)

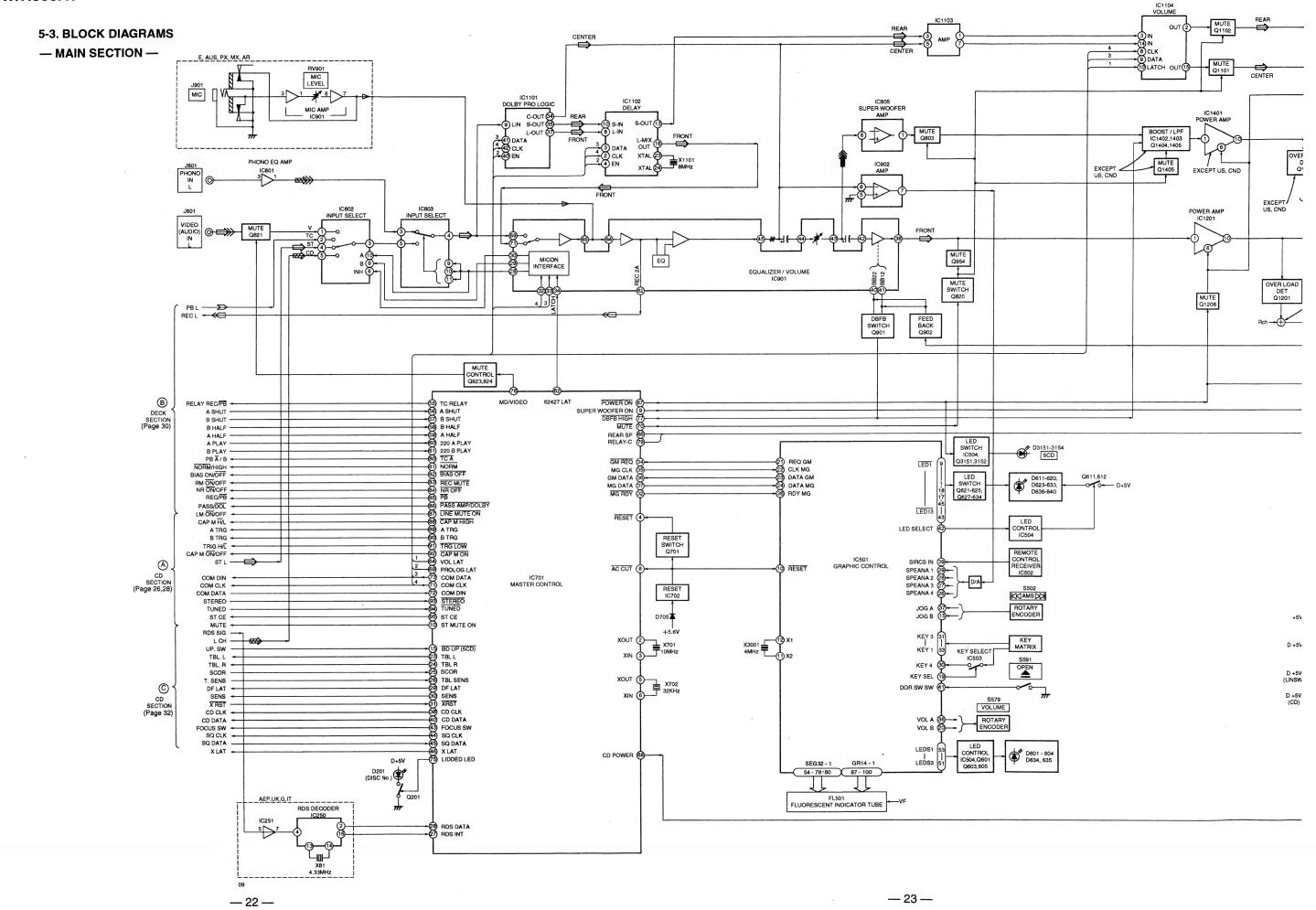
Pin No.	Pin Name	1/0	Function
1	Vss	_	GND
2	XOUT	0	X' tal (10 MHz).
3	XIN	I) A tai (10 Minz).
4	RESET	I	Reset signal input.
5	XOUT	0	X' tal for clock (32.768 kHz)
6	XIN	I	A tal for clock (32.708 kHz)
7	GND (test)	-	GND
8	AC CUT	I	Back up signal input.
9	SUPER WOOFER ON	0	Super woofer ON/OFF control.
10	ST-MUTE ON	0	Mute signal output for tuner.
11	180-A-PLAY	I)
12	180-B-PLAY	I	Tape detection sigal input. (Connected to GND)
13	180-B-REC	I	γ
14	V. DET	I	Voltage detection (Not used).
15	BD-UP (5CD)	I	Disc table up detect.
16	TRAY CLOSE (1CD)	I	Connected to GND
17	ENCODER-1	I)
18	ENCODER-2	I	Input selector control signal output. (Pull up)
19	ENCODER-3	I	J
20	OUT SW OPEN	I	Out switch signal input. (Pull up)
21	LOAD IN	0	Loading motor control signal output. (Not used)
22	LOAD OUT	0	Dodding motor control signal output. (Not used)
23	TBL-L	0	} Table motor control signal output.
24	TBL-R	0	l)
25	SCOR	I	Sub-code sync signal input.
26	TBL-SENS	I	CD Table sensor signal input.
27 .	RDS INT	I	RDS data start input.
28	RDS DATA	I	RDS data output.
29	DF LAT	0	Latch signal for digital filter.
30	SENS	I	Table sence signal input.
31	XRST	0	Reset signal output for CD.
32	MG-RDY	0	Ready signal to graphic control.
33	ADJ	I	Test mode input.
34	GM-REQ	I	Request signal from graphic control.
35	MG-CLK	0	Clock signal to graphic control.
36	GM-DATA	I	Data input from graphic control.
37	MG-DATA	0	Data output to graphic control.
38	CD-CLK	0	Clock output. Serial bus line.
. 39	ADJ-2	I	Test mode input.
40	CD-DATA	0	Data output. Serial bus line.

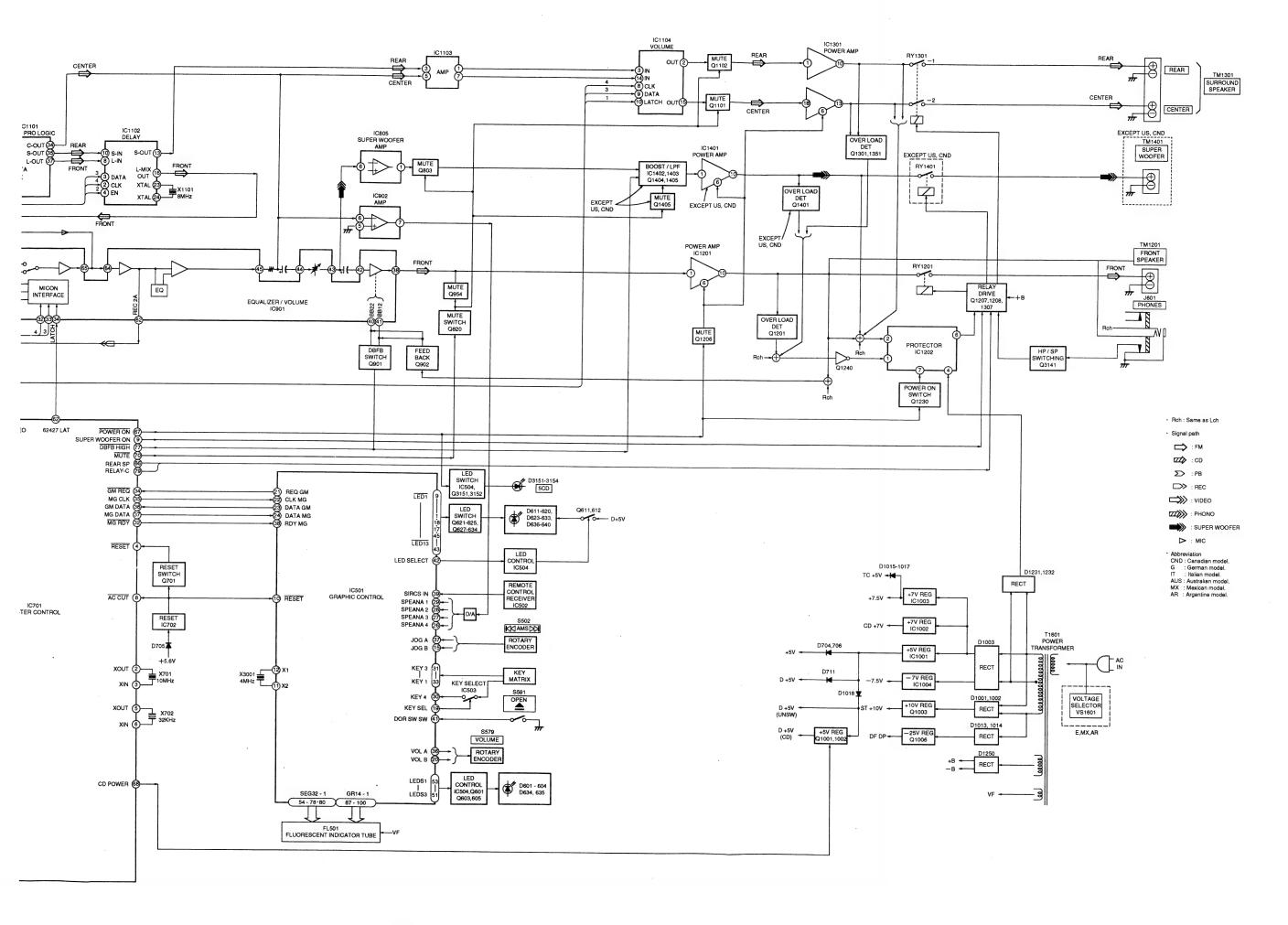
• Abbreviation FL: Fluorescent Indicator Tube GND: Ground

Pin No.	Pin Name	I/O	Function	
41	AUB IN	I	Audio bus in/output. (Not used)	
42	AUB OUT	0	Audio bus in/output. (Not used)	
43	FOCUS SW	0	Focus switching signal output.	
44	SQ-CLK	0	Subcode Q data read clock output.	
45	SQ-DATA	I	Subcode Q data input.	
- 46	X-LAT	0	Latch signal digital signal processor.	
47	TEST	I	Test land.	
48	VAREF	I	Analog reference voltage input.	
49	AVss	-	GND	
50	Vss	_	UND	
51	VDD	-	+5V	
52	SPEC	I	Destination detection in aut	
53	DESTINATION	I	Destination detection input.	
54	DISC SENS	I	Not used.	
55	TC RELAY	0	REC/PB select signal output.	
56	A-SHUT	I		
57	B-SHUT	I		
58	B-HALF	I		
59	A-HALF	I	Control signal input form deck.	
60	220-A-PLAY	I		
61	220-B-PLAY	I		
62	62427 LAT	0	PLL latch output.	
63	K-CON-LAT	0	Not used.	
64	VOL LAT (AV)	0	Latch signal for electrical volume. (Not used)	
65	FRONT SP RELAY B	0	Not used.	
66	REAR SP RELAY C	0	Rear speaker relay control output.	
67	POWER ON	0	Power on signal output	
68	CD POWER	0	CD power control signal output.	
69	RPOLOG LAT	О	Not used.	
70	MUTE	0	Mute signal for AMP.	
71	COM CLK	О	PLL clock output. (PLL, Function, Graphic Equalizer)	
72	COM DIN	I	PLL data input. (PLL, Function, Graphic Equalizer)	
73	COM DATA	0	PLL data output. (PLL, Function, Graphic Equalizer)	
74	K CON ON	0	Not used.	
75	LIDDED LED	0	Disc No. LED drive signal output.	
76	MD/VIDEO	0	MD/VIDEO select output.	
77	DBFB-HIGH	0	DBFB switching signal output.	
78	PWM-OUT	I	Not used.	
79	PRO-LOGIC	0	Dolby pro-logic control ourput.	
80	TC A	0	Deck A, B select output.	

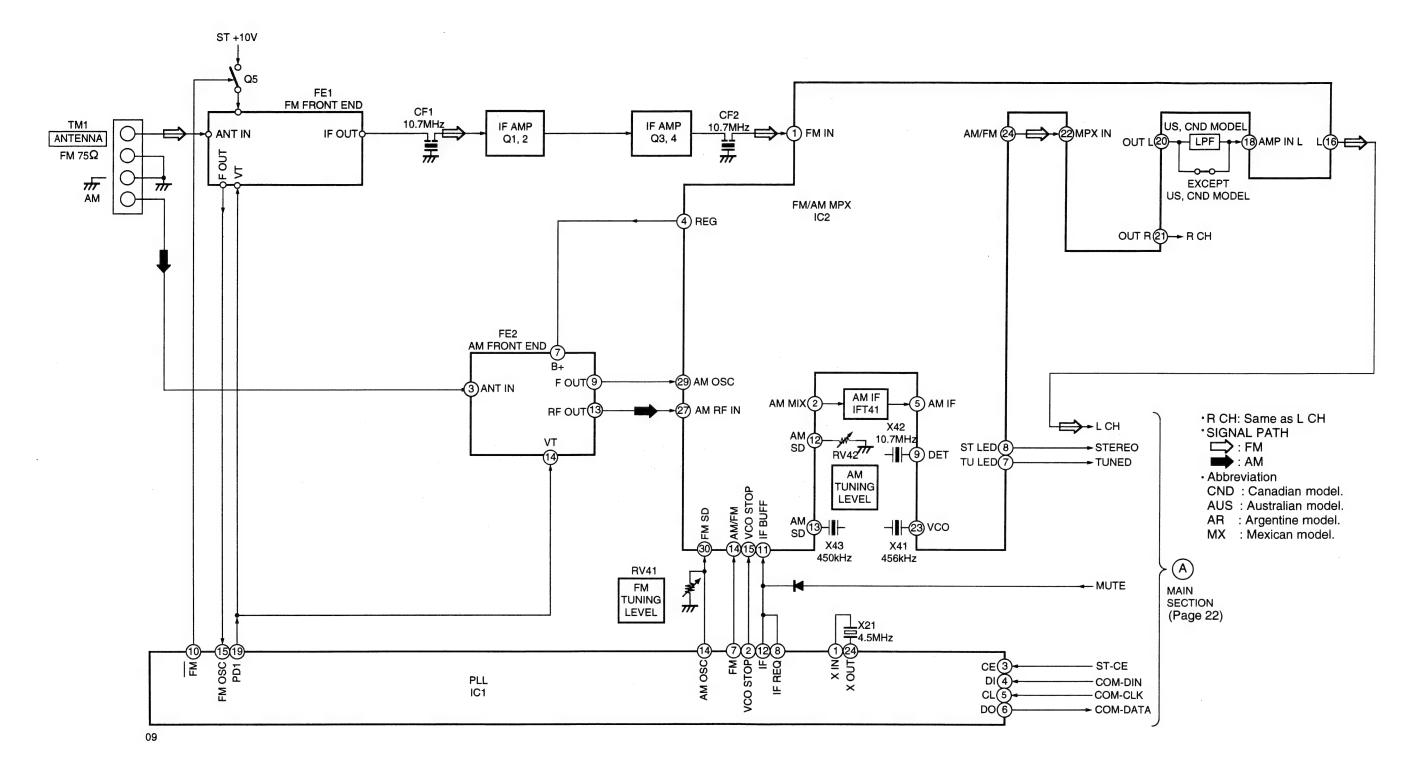
Pin No.	Pin Name	1/0	Function
41	AUB IN	I	A. P. L. C. A.
42	AUB OUT	0	Audio bus in/output. (Not used)
43	FOCUS SW	0	Focus switching signal output.
44	SQ-CLK	0	Subcode Q data read clock output.
45	SQ-DATA	I	Subcode Q data input.
46	X-LAT	0	Latch signal digital signal processor.
47	TEST	I	Test land.
48	VAREF	I	Analog reference voltage input.
49	AVss	T -	
50	Vss	T -	SND
51	VDD	T -	+5V
52	SPEC	I	Desiration 1
53	DESTINATION	I	Destination detection input.
54	DISC SENS	I	Not used.
55	TC RELAY	0	REC/PB select signal output.
56	A-SHUT	I	
57	B-SHUT	I	
58	B-HALF	I	
59	A-HALF	I	Control signal input form deck.
60	220-A-PLAY	I	
61	220-B-PLAY	I	
62	62427 LAT	0	PLL latch output.
63	K-CON-LAT	0	Not used.
64	VOL LAT (AV)	0	Latch signal for electrical volume. (Not used)
65	FRONT SP RELAY B	0	Not used.
66	REAR SP RELAY C	0	Rear speaker relay control output.
67	POWER ON	0	Power on signal output
68	CD POWER	0	CD power control signal output.
69	RPOLOG LAT	0	Not used.
70	MUTE	0	Mute signal for AMP.
71	COM CLK	0	PLL clock output. (PLL, Function, Graphic Equalizer)
72	COM DIN	I	PLL data input. (PLL, Function, Graphic Equalizer)
73	COM DATA	0	PLL data output. (PLL, Function, Graphic Equalizer)
74	K CON ON	0	Not used.
75	LIDDED LED	0	Disc No. LED drive signal output.
76	MD/VIDEO	0	MD/VIDEO select output.
77	DBFB-HIGH	0	DBFB switching signal output.
78	PWM-OUT	I	Not used.
79	PRO-LOGIC	0	Dolby pro-logic control ourput.
80	TC A	0	Deck A, B select output.

Pin No.	Pin Name	I/O	Function	
81	NORM	0	NORMAL/HIGH control signal output.	
82	BIAS OFF	0	Bias oscillation output.	
83	REC MUTE	0	Mute output.	
84	NR OFF	0	Dolby ON/OFF signal output.	
85	PB	0	REC/PB control signal output.	
86	PASS. AMP/DOLBY	0	Dolby switching signal output.	
87	LINE MUTE ON	0	Mute signal output for deck.	
88	CAP. M-HIGH	0	Capstan motor control signal output.	
89	A-TRG	0	Trigger meter central signal output	
90	B-TRG	0	Trigger motor control signal output.	
91	TRG LOW	0	Trigger motor high/low control signal output.	
92	CAP M ON	0	Capstan motor ON/OFF control signal output.	
93	STEREO	I	Stereo detection signal from tuner.	
94	TUNED	I	Tuned detection signal from tuner.	
95	ST-CE	0	Latch signal output for tuner.	
96	DELAY SEL MIC	0	Not used.	
97	DELAY ON	Ο.	ECHO delay ON/OFF control signal output (Not used)	
98	DELAY LEVEL A	0	ECHO delay level control signal output (Not used)	
- 99	DELAY LEVEL B	О		
100	VDD	-	+5V	

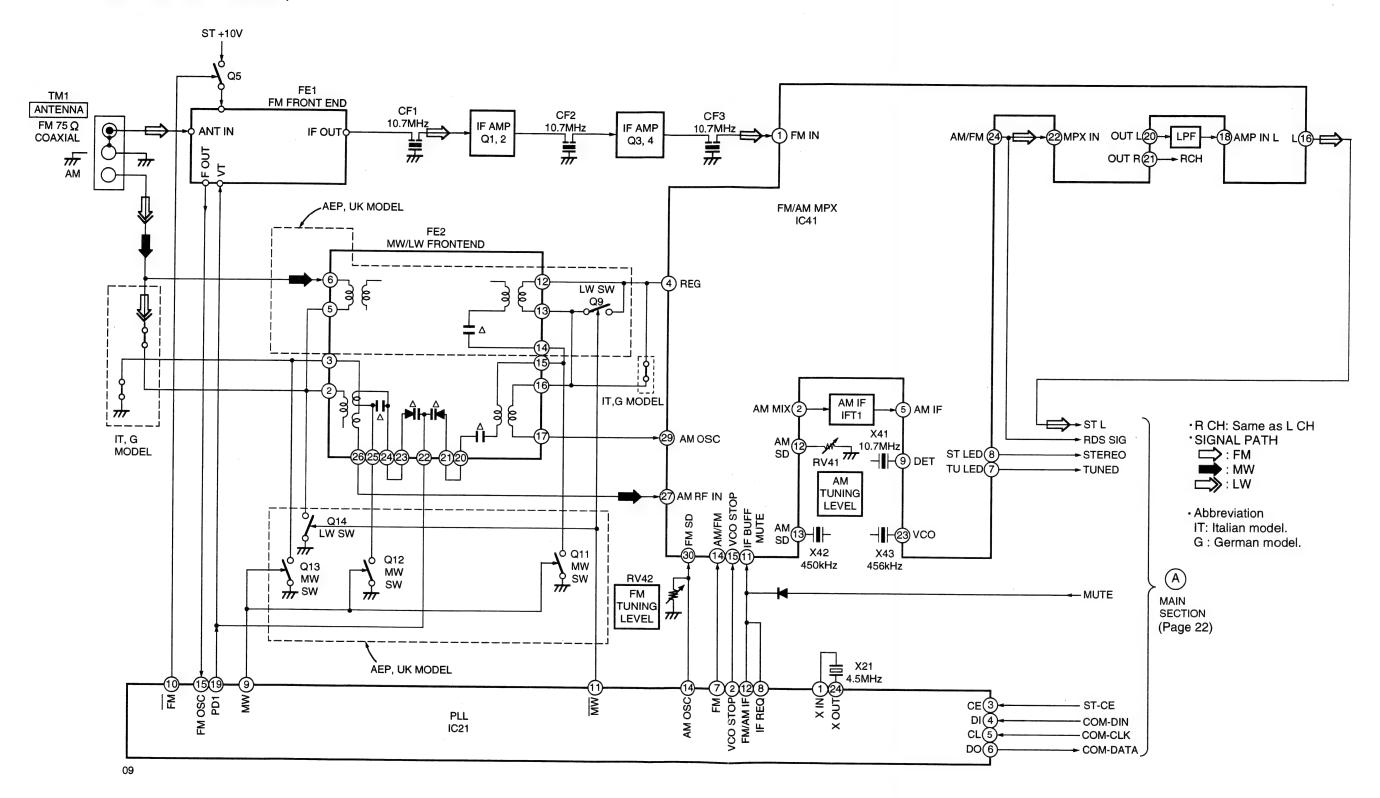




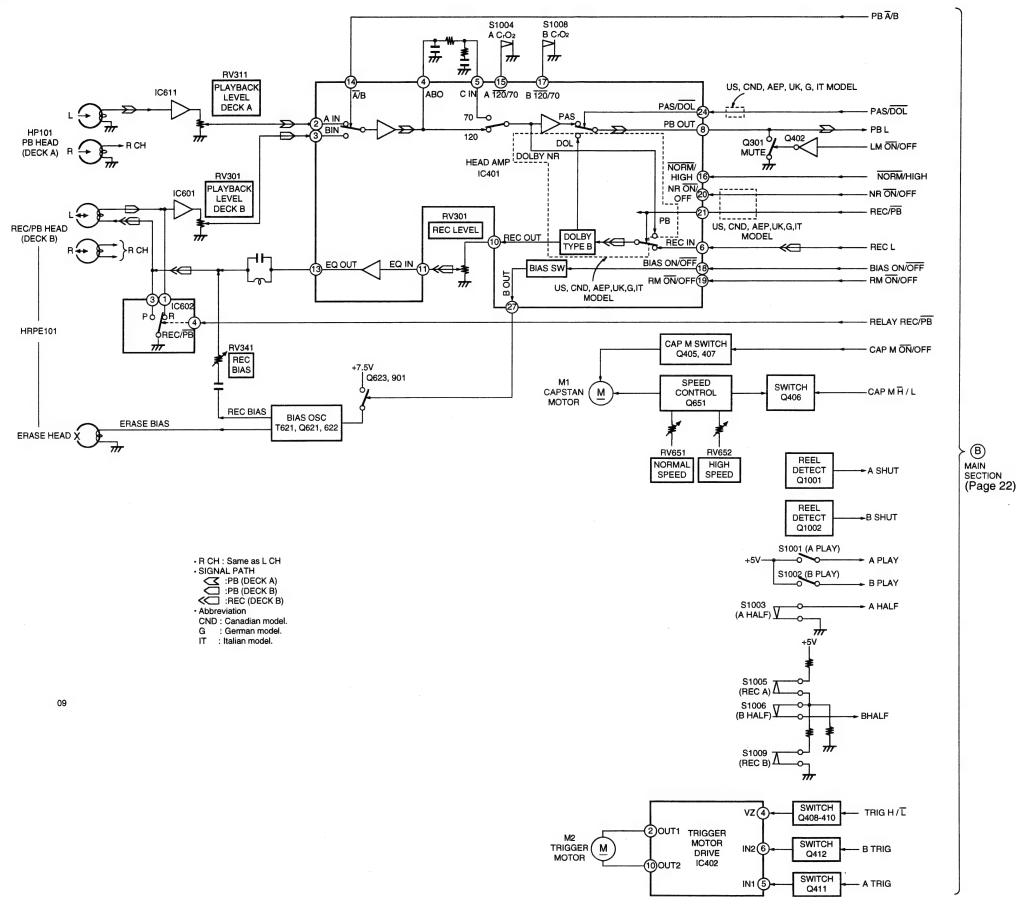
- TUNER SECTION - (US, CND, E, AUS, MX, PX, AR MODEL)



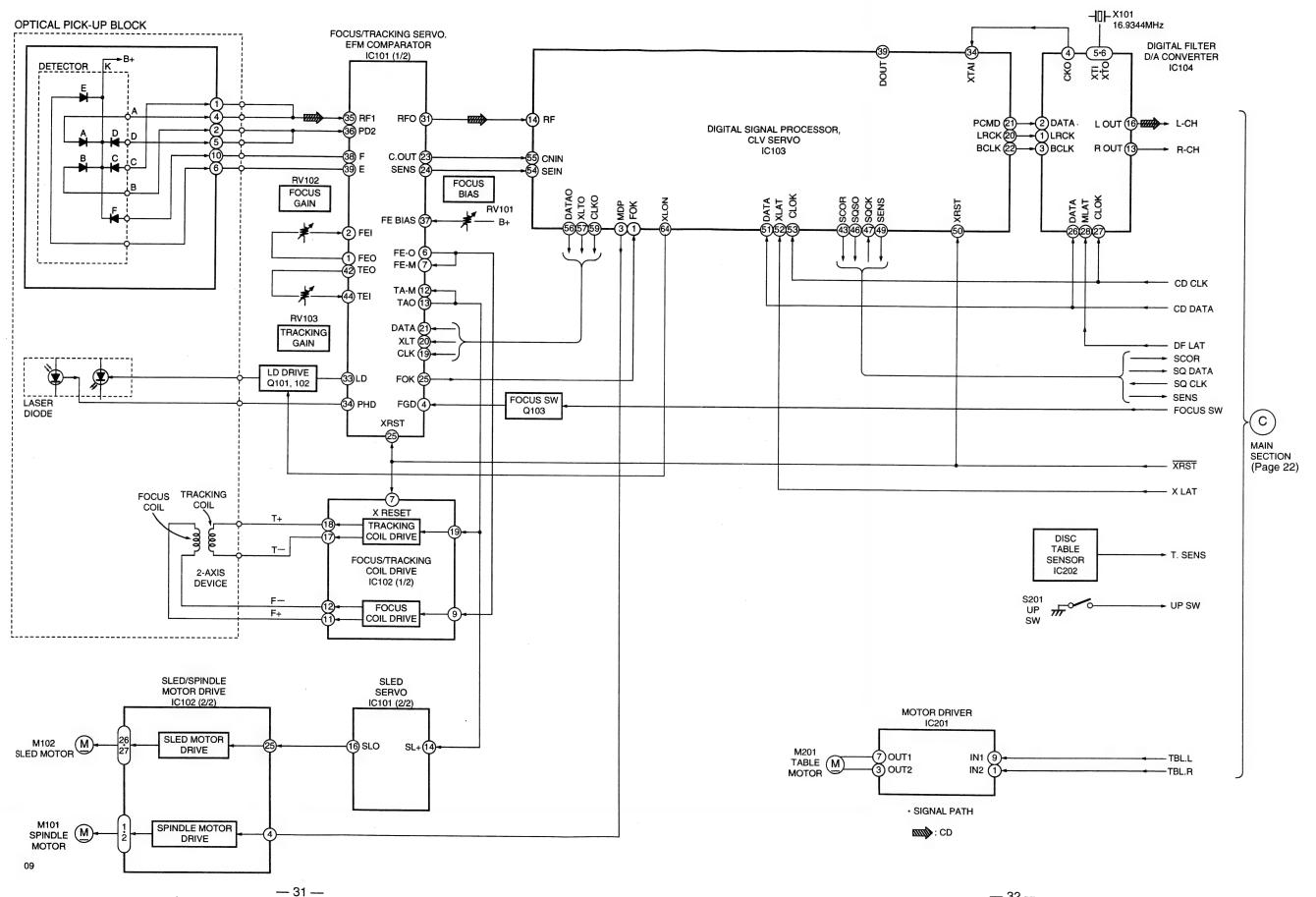
—TUNER SECTION — (AEP, UK, G, IT MODEL)



- DECK SECTION -

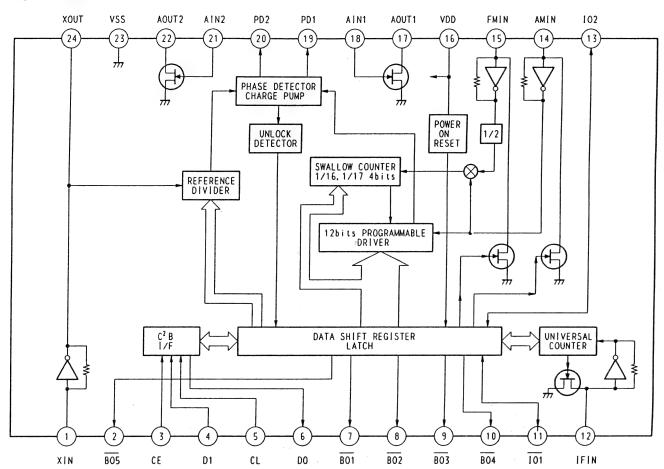


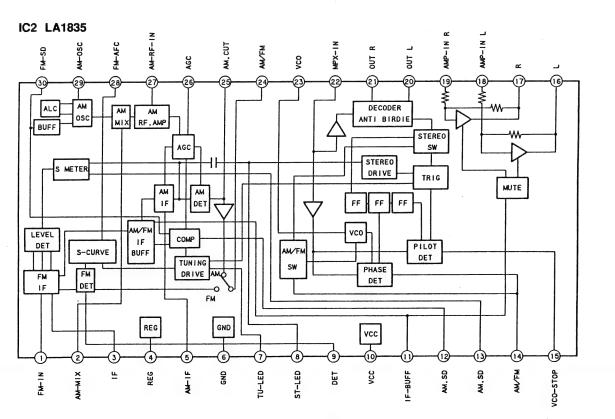
- CD SECTION -



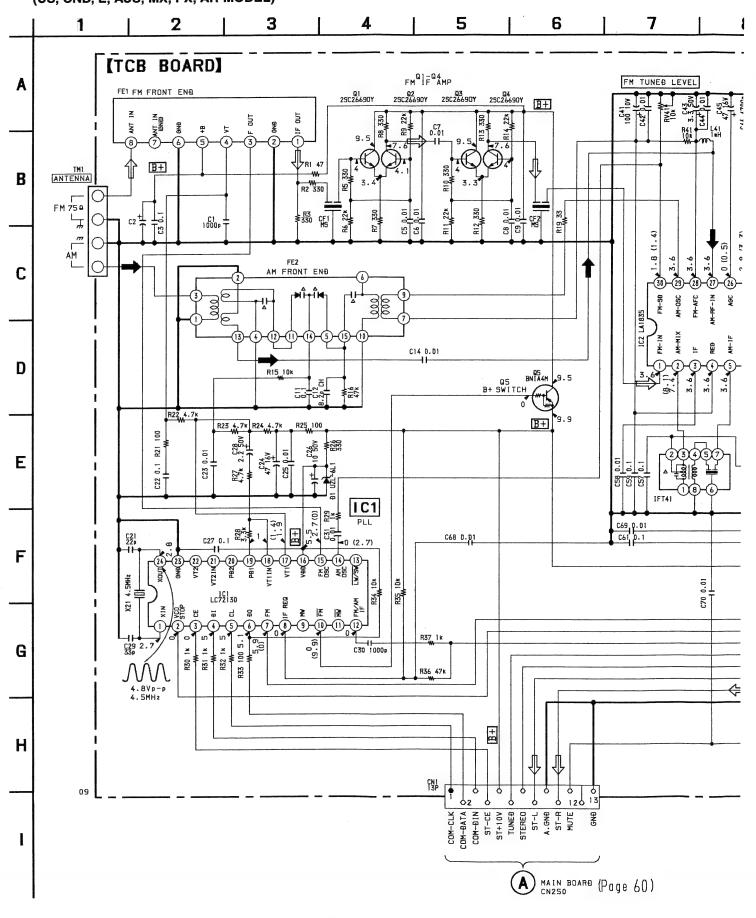
• IC Block Diagrams

IC1 LC72130

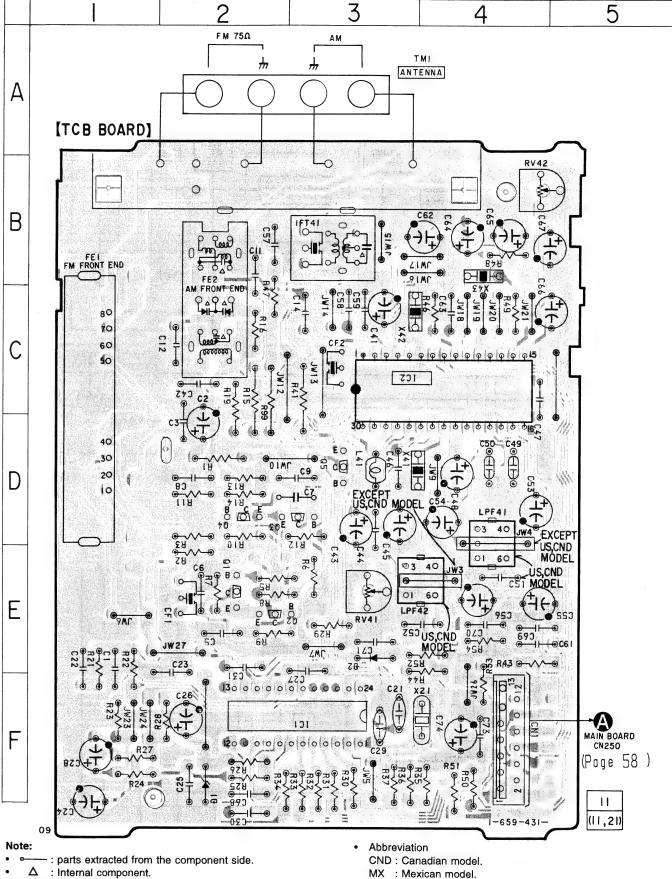


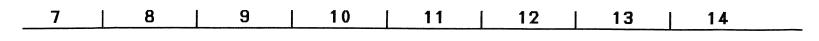


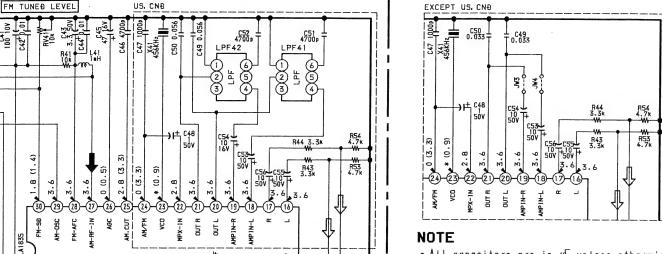
5-4. SCHEMATIC DIAGRAM — TUNER SECTION — (US, CND, E, AUS, MX, PX, AR MODEL)



5-5. PRINTED WIRING BOARD — TUNER SECTION — (US, CND, E, AUS, MX, PX, AR MODEL) • See page 17 for Circuit Boards Location.







C2

RV42 ≥ ₹167 22k

B+

R52 10k

AM TUNEÐ LEVEL

C71上 0.01工

• All capacitors are in μF unless otherwise noted.pF:μμF

50WV or less are not indicated except for electrolytics and tantalums.

• All resistors are in Q and 1/4W or less unless otherwise specified.

△ :internal component.

• _____:panel designation.

B+ :B+ Line.

• adjustment for repair.

• Voltages and waveforms are dc with respect to ground under no-signal (detuned) conditions.

no mark: FM

(): AM

* :can not be measured.

• Voltages are taken with a VOM (Input impedance $10M\Omega$). ·Voltage variations may be noted due to normal production tolerances.

• Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.

 Abbreviation CND: Canadian model. MX :Mexican model. AUS: Australian model.

AR : Argentine model.

• Signal path. :FM

: AM

 Semiconductor Location

F	Ref. No.	Location
-	01 02	F-2 E-3
	C1 C2	F-3 C-3
	21 22 23 24 25	E-2 E-3 D-2 D-2 D-3

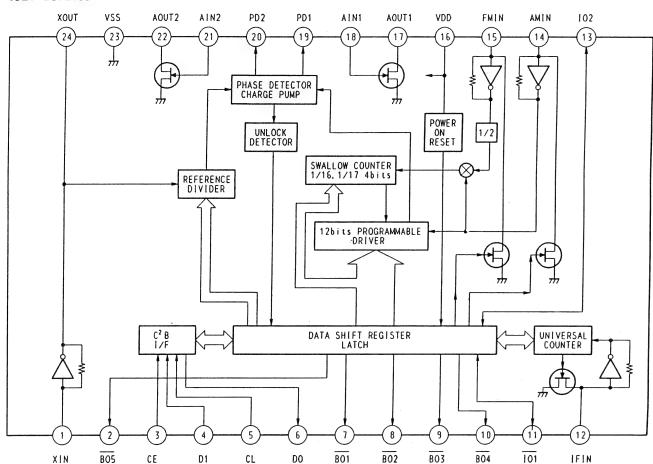
ge 60)

AUS: Australian model. AR : Argentine model.

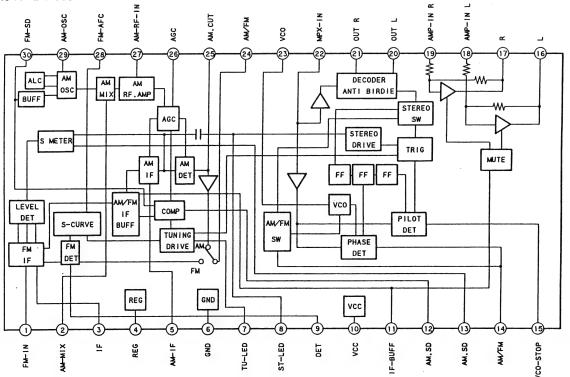
: Pattern from the side which enable seeing

• IC Block Diagrams

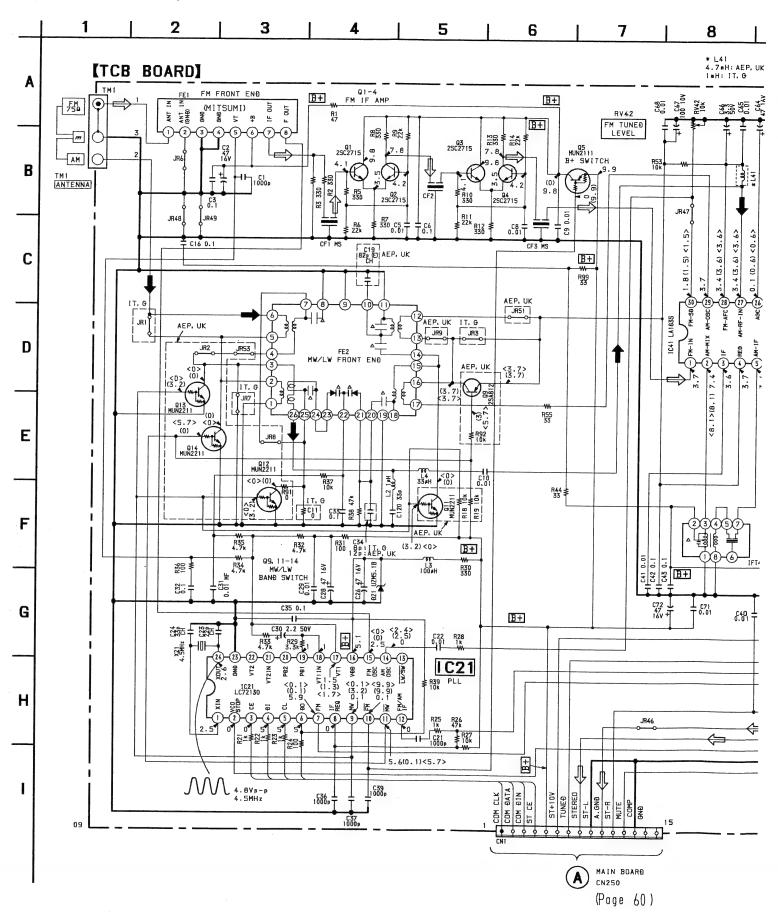
IC21 LC72130

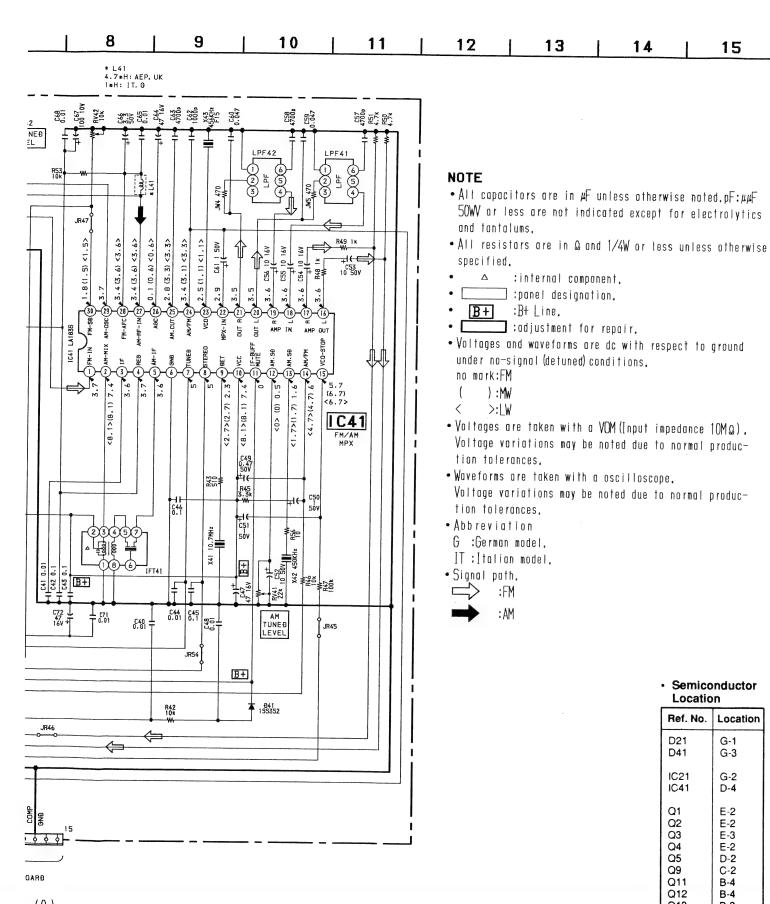


IC41 LA1835



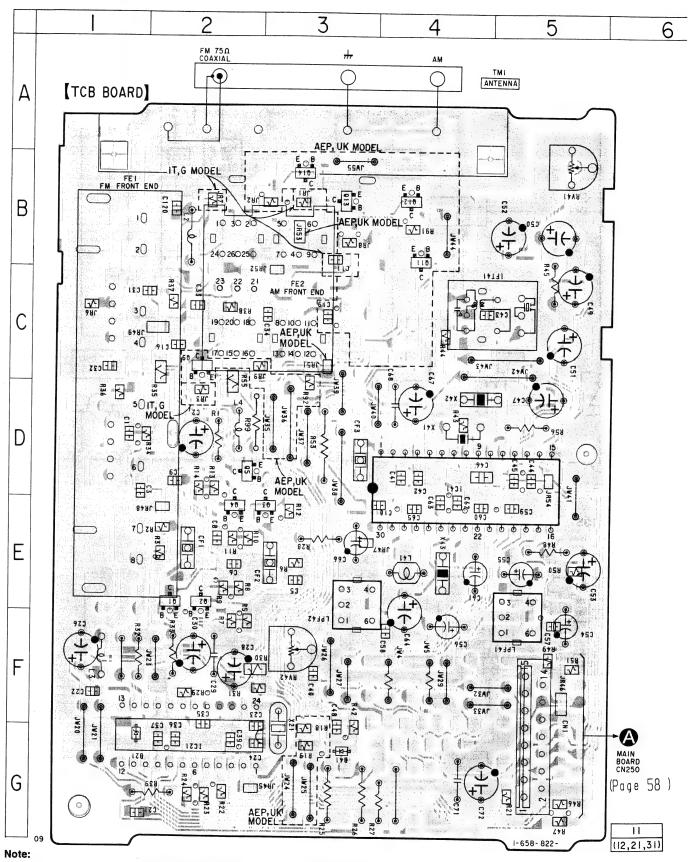
5-6. SCHEMATIC DIAGRAM — TUNER SECTION — (AEP, UK, G, IT MODEL)





5-7. PRINTED WIRING BOARD — TUNER SECTION — (AEP, UK, G, IT MODEL)

• See page 17 for Circuit Boards Location.



B-4

B-4

B-3

B-3

Q13 Q14

-: parts extracted from the component side.

• Δ : Internal component.

• Pattern from the side which enable seeing.

 Abbreviation G: German model.

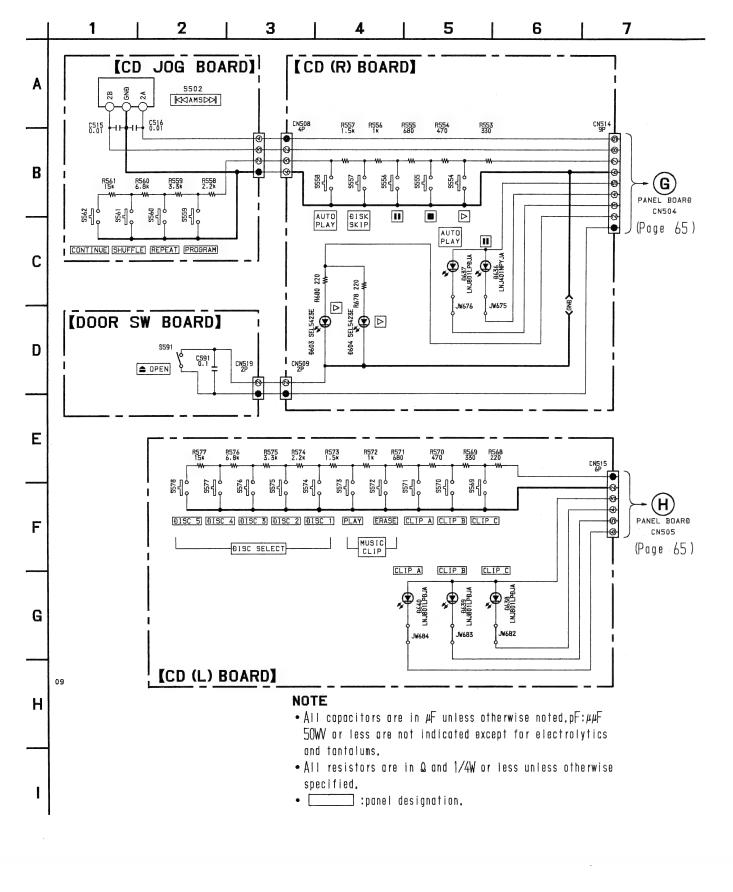
IT : Italian model.

- 39 -

OARĐ

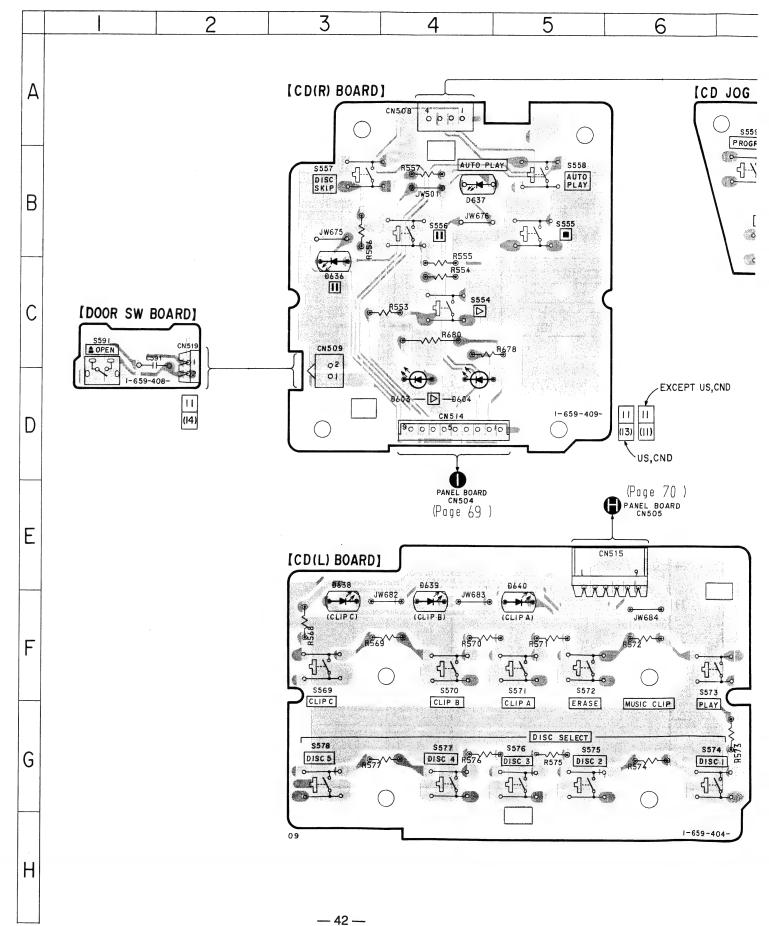
60)

5-8. SCHEMATIC DIAGRAM — CD PANEL SECTION —



5-9. PRINTED WIRING BOARD — CD PANEL SECTION —

• See page 17 for Circuit Boards Location.



5-9. PRINTED WIRING BOARD — CD PANEL SECTION —

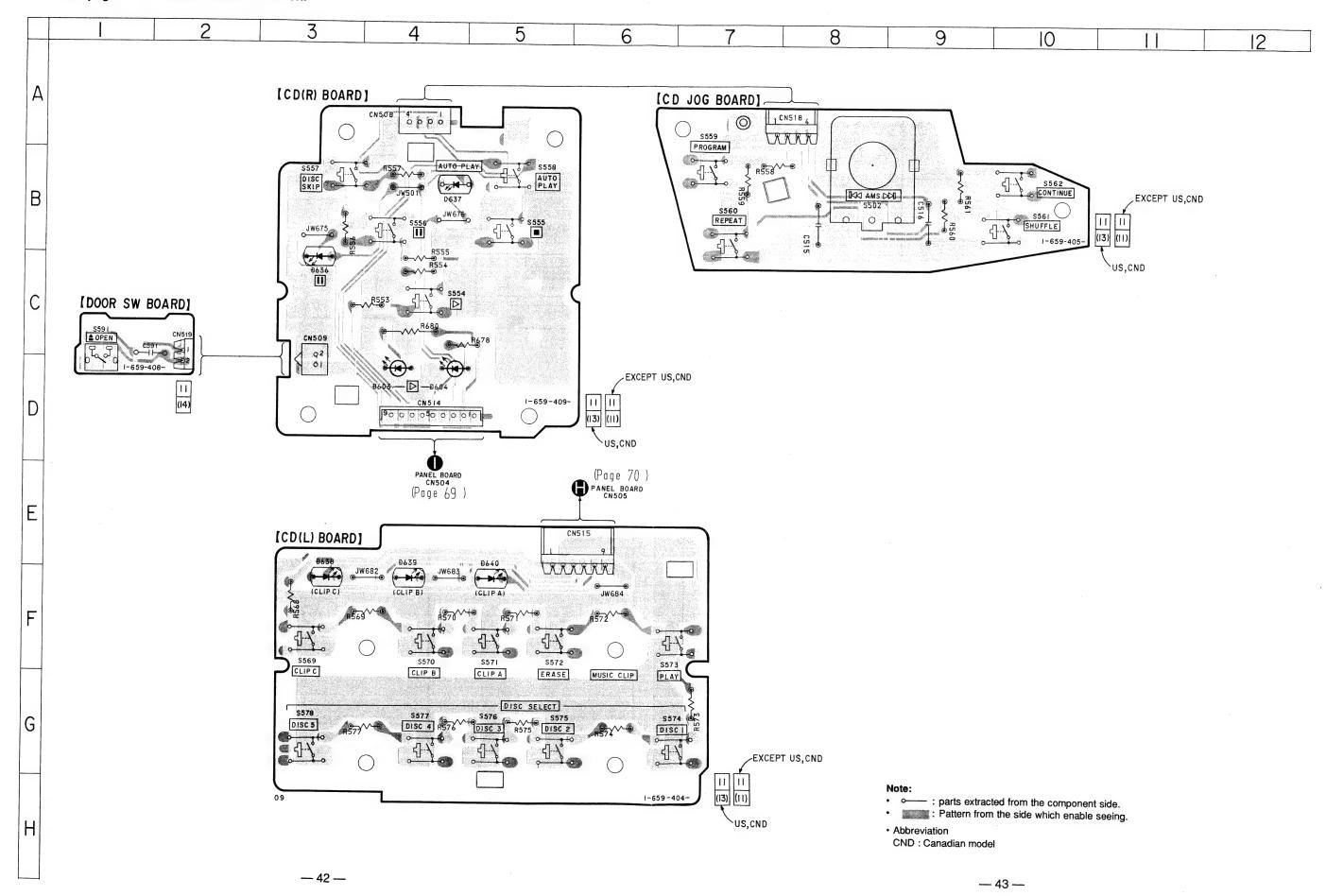
• See page 17 for Circuit Boards Location.

- G NEL BOARÐ CN504

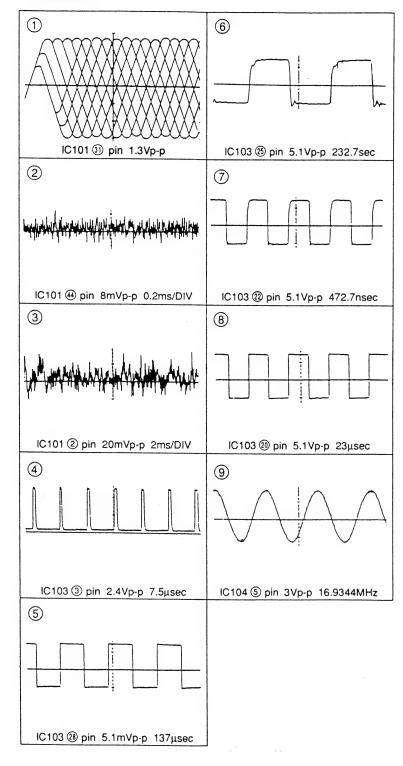
age 65)

NEL BOARD

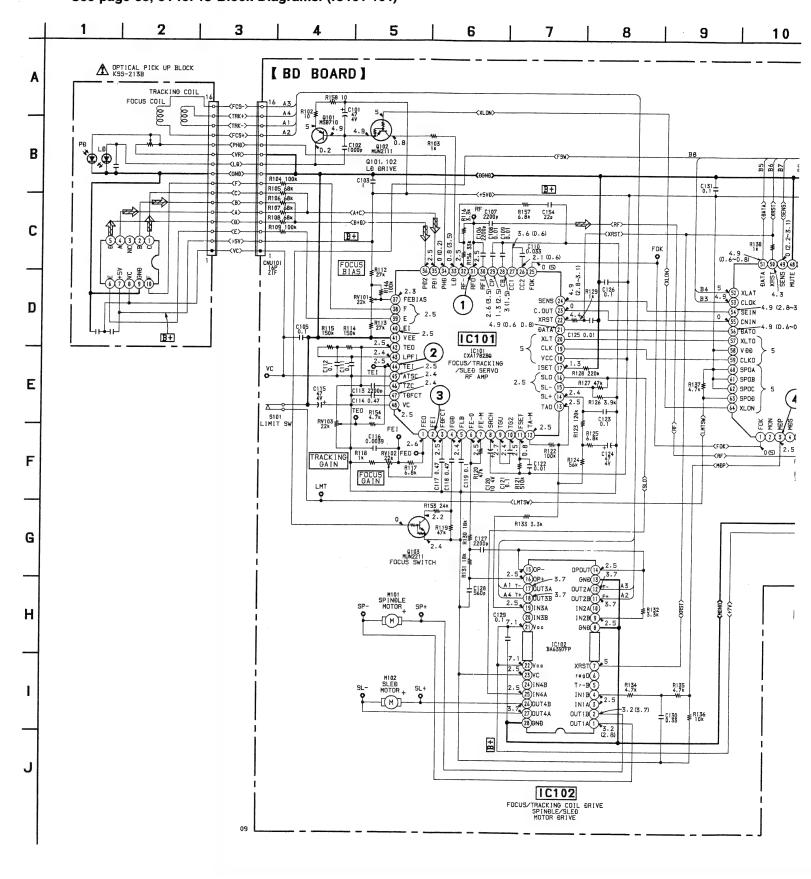
age 65)



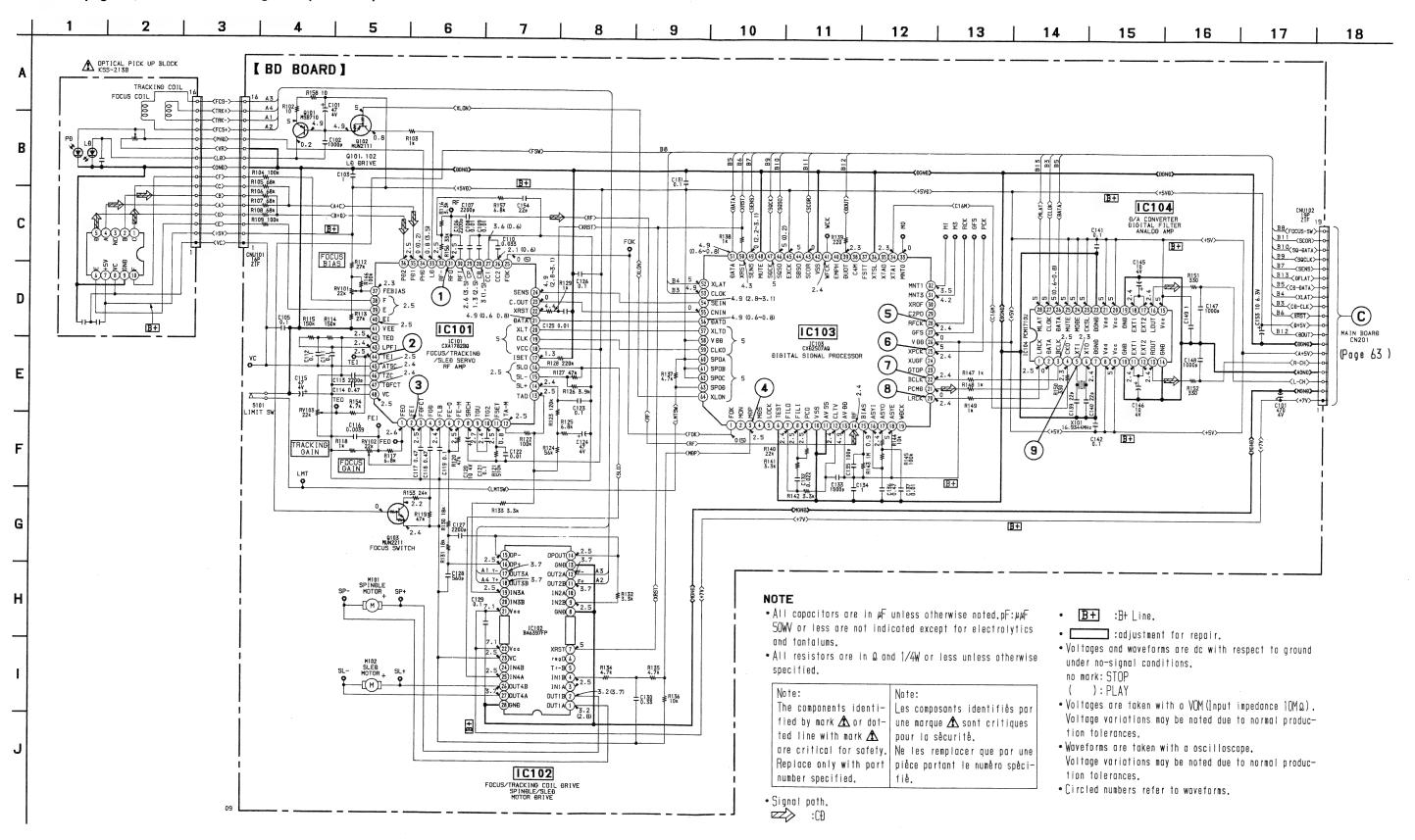
Waveforms



5-10. SCHEMATIC DIAGRAM — CD SECTION — • See page 83, 84 for IC Block Diagrams. (IC101-104)

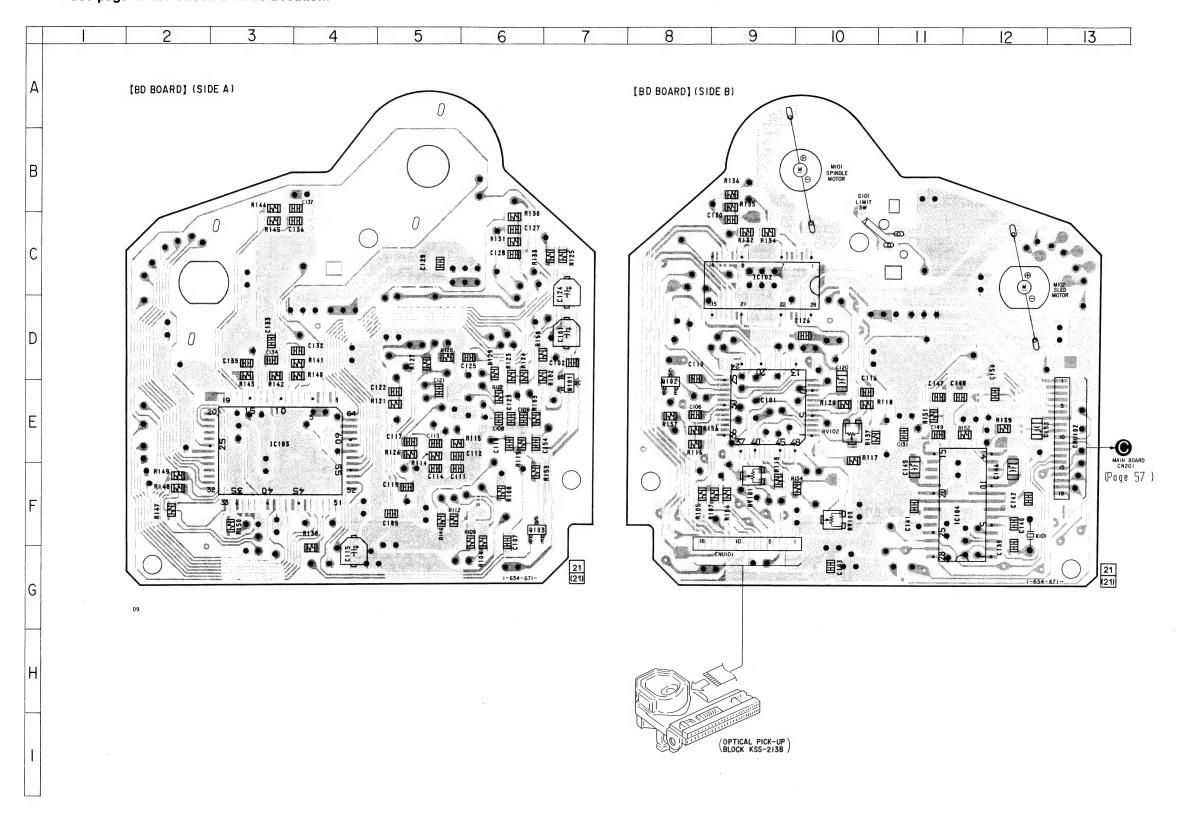


• See page 83, 84 for IC Block Diagrams. (IC101-104)



5-11. PRINTED WIRING BOARD — CD SECTION —

• See page 17 for Circuit Boards Location.



Semiconductor Location

Ref. No.	Location
IC101	E-9
IC102	C-8
IC103	E-3
IC104	F-11
Q101	D-6
Q102	D-8
Q103	F-6

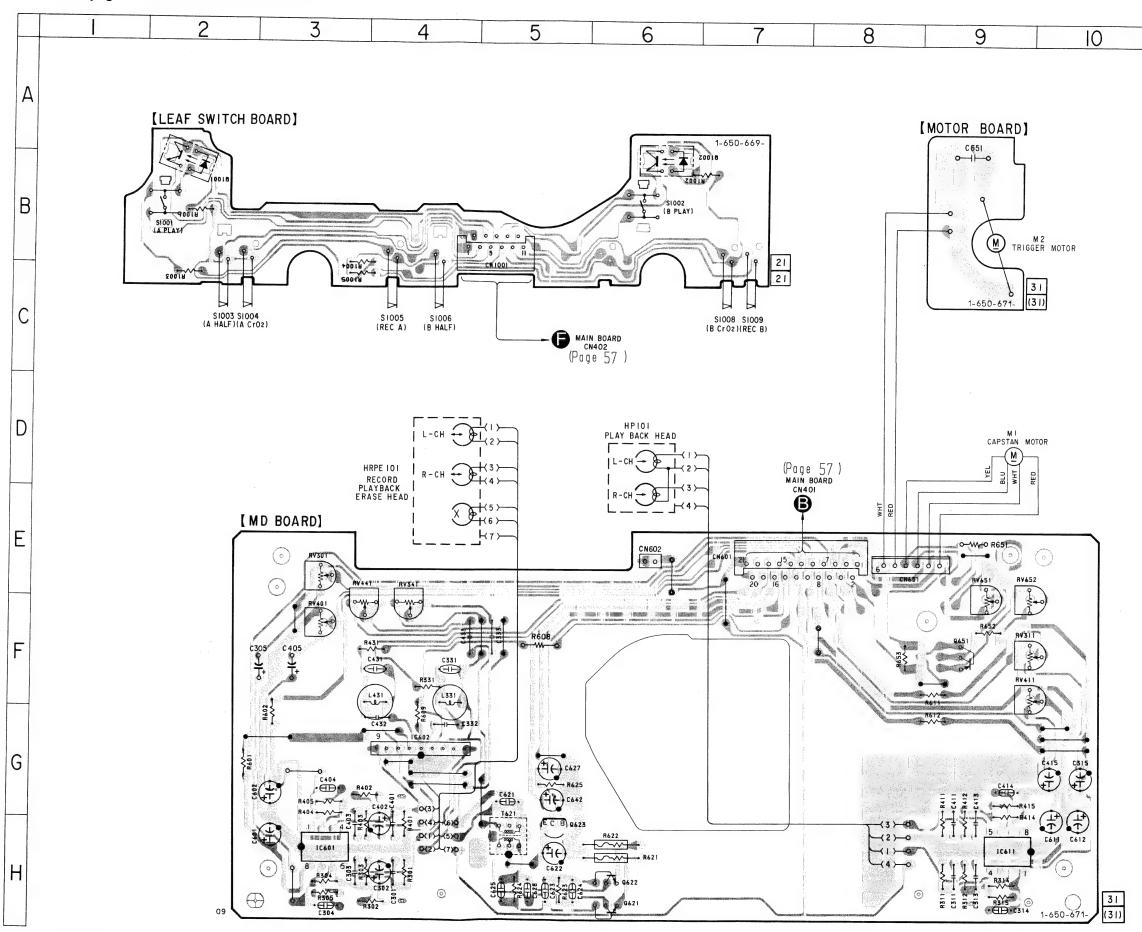
Note:

- o——: parts extracted from the component side.
- Through hole.
- Pattern from the side which enable seeing.
 (The other layer's patterns are not indicated.)

5-12. PRINTED WIRING BOARD — DECK SECTION — • See page 17 for Circuit Boards Location.

Semiconductor Location

Ref. No.	Location			
IC601	H-3			
IC602	G-4			
IC611	H-9			
Q621	H-6			
Q622	H-6			
Q623	H-5			
Q651	F-9			
Q1001	B-2			
Q1002	B-6			

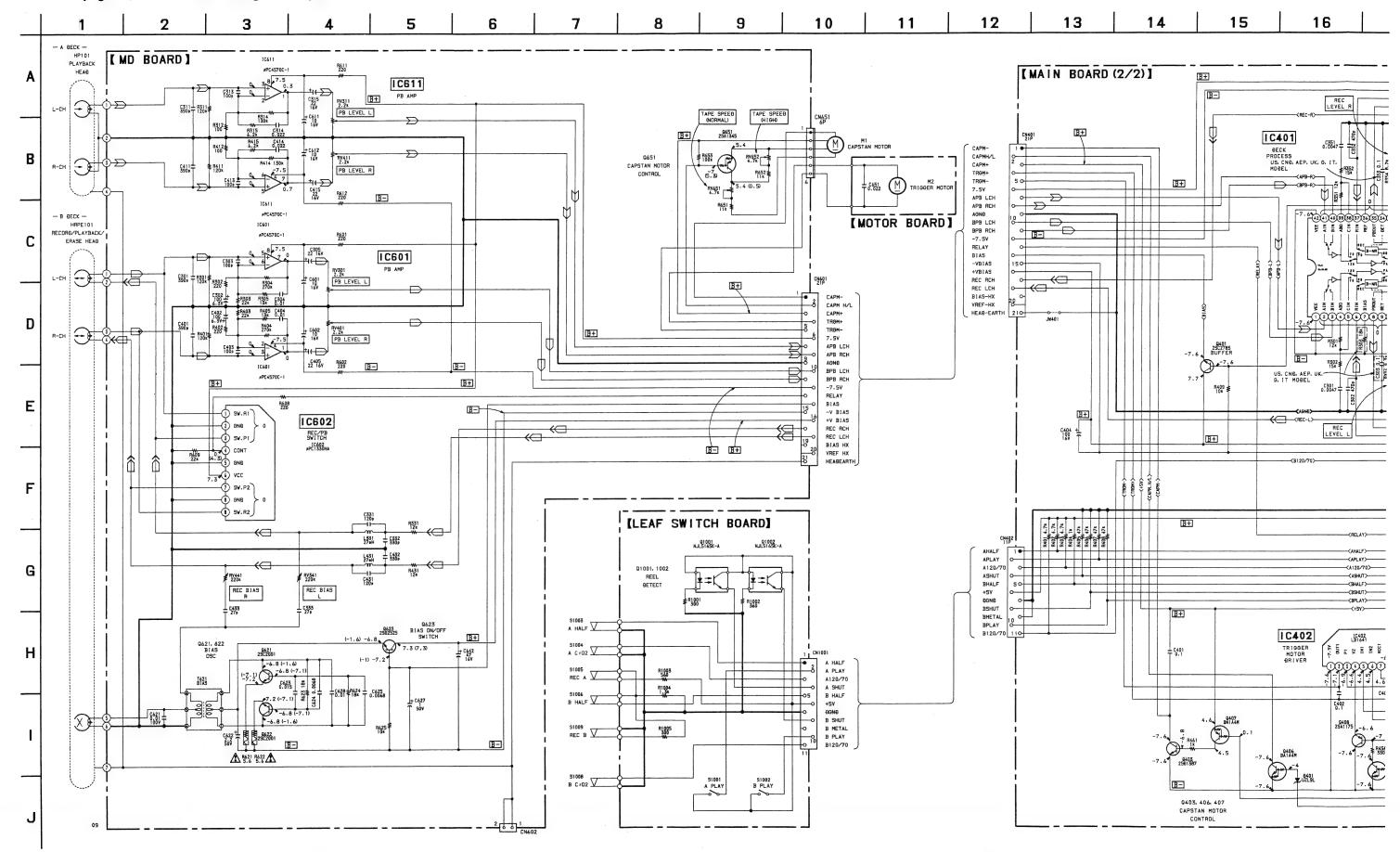


Note:

- o- : parts extracted from the component side.
- Pattern from the side which enable seeing.

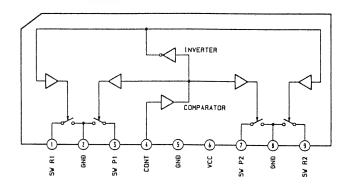
5-13. SCHEMATIC DIAGRAM — DECK SECTION —

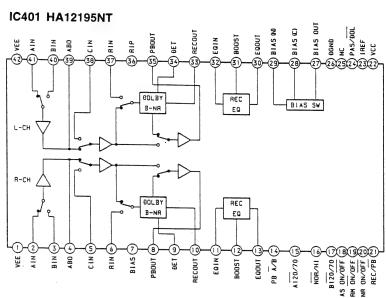
• See page 57, 58 for Printed Wiring Board. (MAIN BOARD)

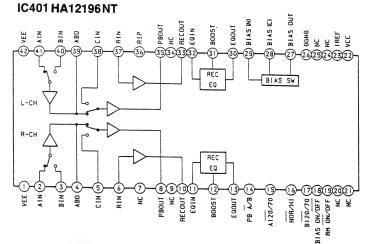


HCD-D670AV/N555AV

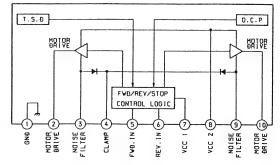
• IC Block Diagrams IC602 μPC1330HA



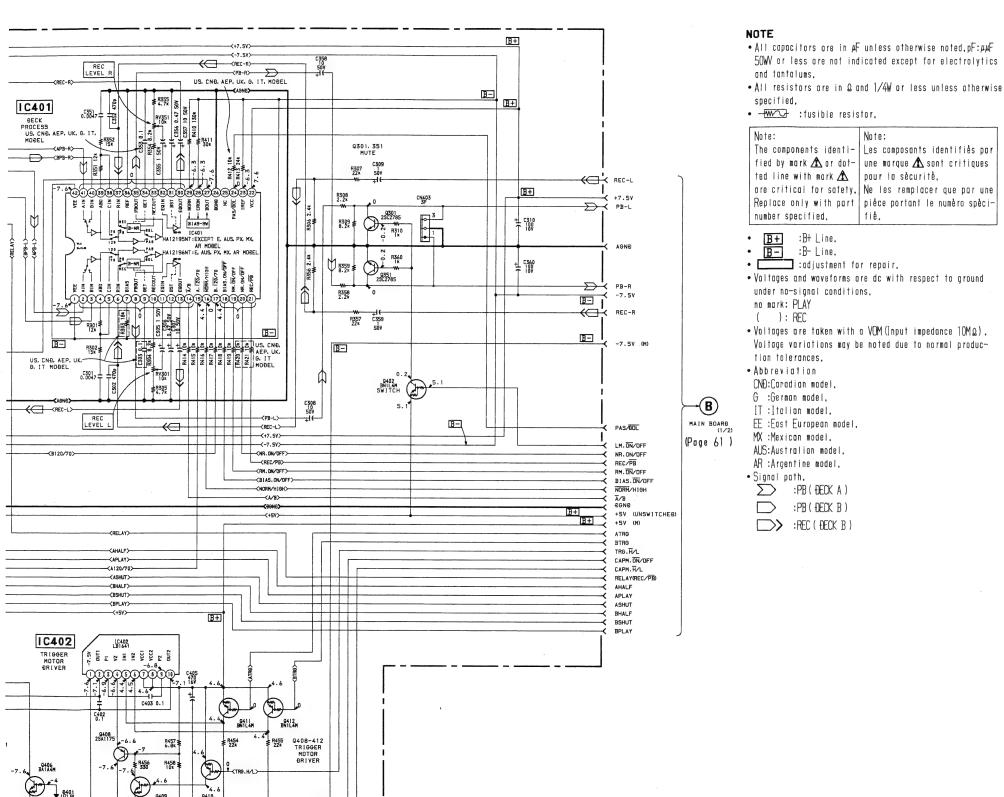




IC402 LB1641



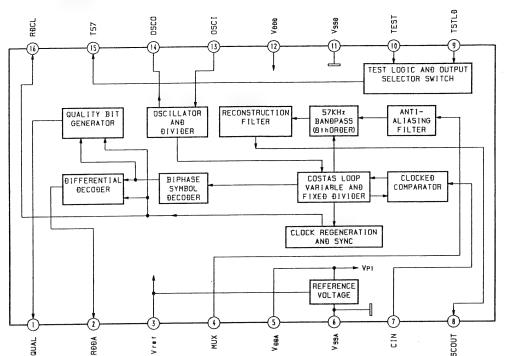
16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26



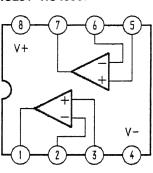
--- (CAPH. ON/OFF)

• IC Block Diagrams

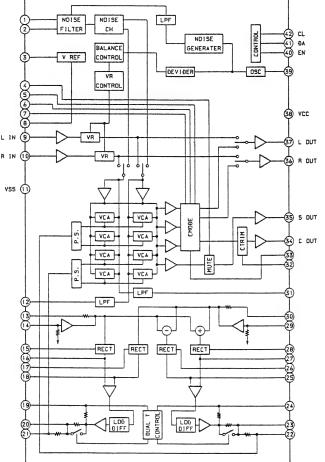
IC250 SAA6579

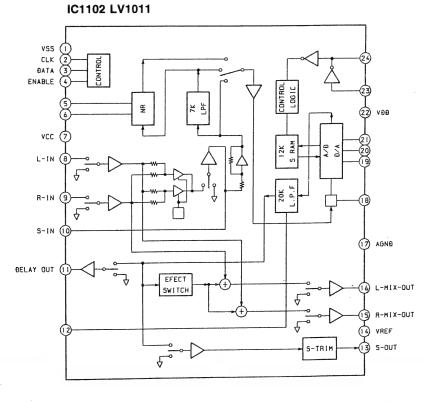


IC251 RC4558P



IC1101 LA2785





Semiconductor Location

Ref. No.	Location	Ref. No.	Location
D201 D202 D251 D401 D701 D702 D703 D704 D705 D706	E-7 E-7 C-12 C-5 E-4 D-4 D-3 D-3 D-3	IC901 IC902 IC1001 IC1002 IC1003 IC1004 IC1101 IC1102 IC1103 IC1104	I-11 L-14 H-6 H-7 I-6 I-8 I-15 H-15 F-15
D707 D708 D711 D901 D902 D1001 D1002 D1003 D1007 D1008 D1010 D1011 D1012 D1013 D1014 D1015 D1016 D1017 D1018 D1019 IC250 IC251 IC401 IC702 IC702 IC801	E-4 D-9 H-4 J-10 K-7 K-6 K-6 H-9 J-5 H-3 B-13 B-15 B-15 B-15 B-15	Q301 Q351 Q401 Q402 Q403 Q406 Q407 Q408 Q409 Q410 Q411 Q412 Q701 Q820 Q821 Q823 Q824 Q830 Q901 Q902 Q951 Q902 Q953 Q953 Q954 Q1001 Q1002 Q1003 Q1006	B-9 B-8 B-C-C-4 C-2 C-2 C-5 C-15 C-15 C-16 C-16 C-16 C-17 C-17 C-18 C-18 C-19 C-19 C-19 C-19 C-19 C-19 C-19 C-19
IC803 IC805	D-12 L-14	Q1101 Q1102	D-11 D-11

Note:

• • ---: parts extracted from the component side.

: parts mounted on the conductor side.

Δ : Internal component.

Pattern from the side which enable seeing.

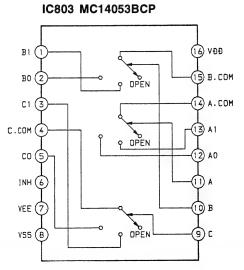
Abbreviation

CND: Canadian model.
G: German model.
IT: Italian model.
MX: Mexican model.
AUS: Australian model.
AR: Argentine model

SELECT A

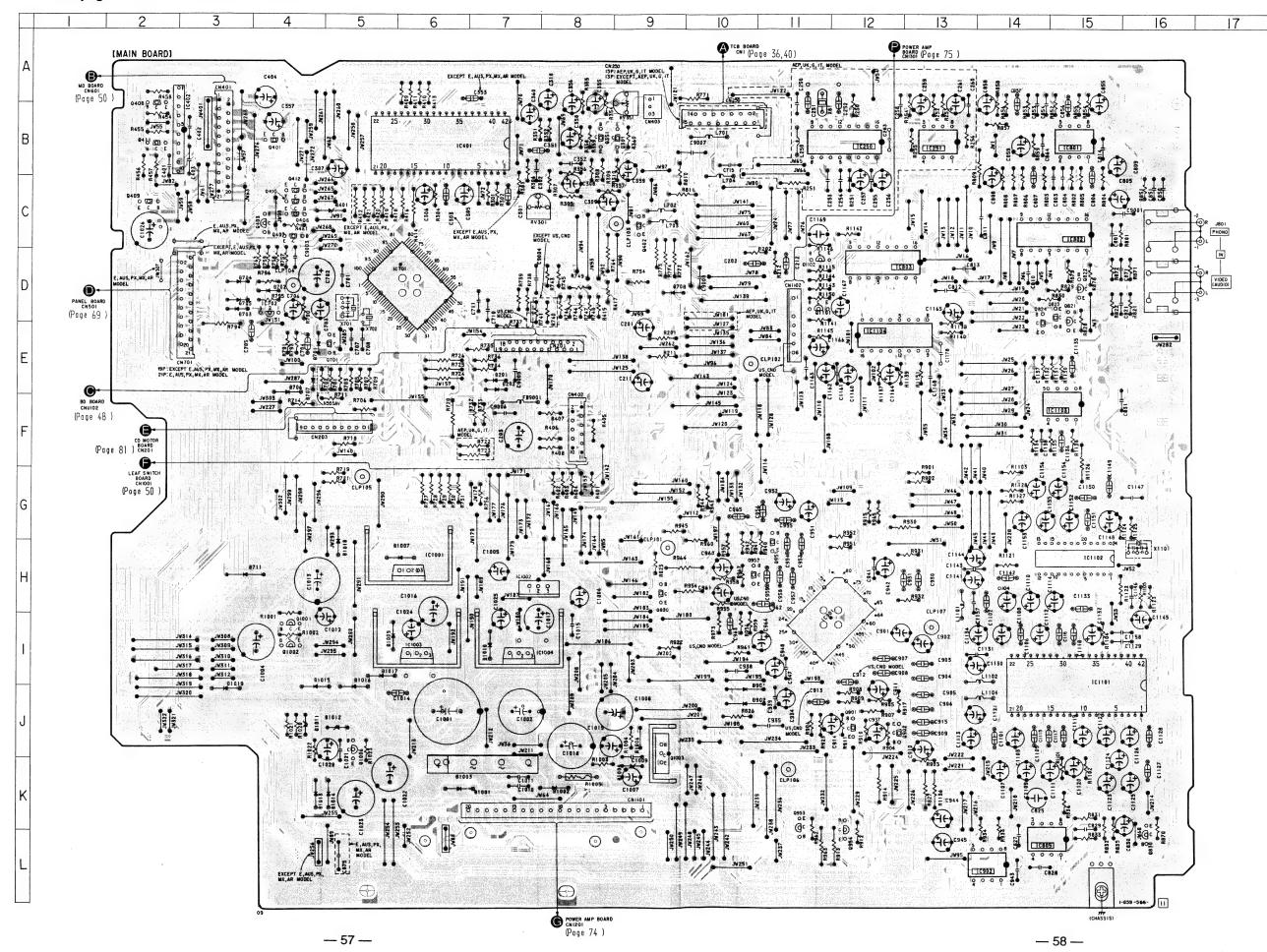
SELECT B

IC802 MC14052BCP



INH 7 VEE VSS

• See page 17 for Circuit Boards Location.



Location

I-11 L-14 H-6 H-7 I-6

I-15 H-15 F-15 E-12

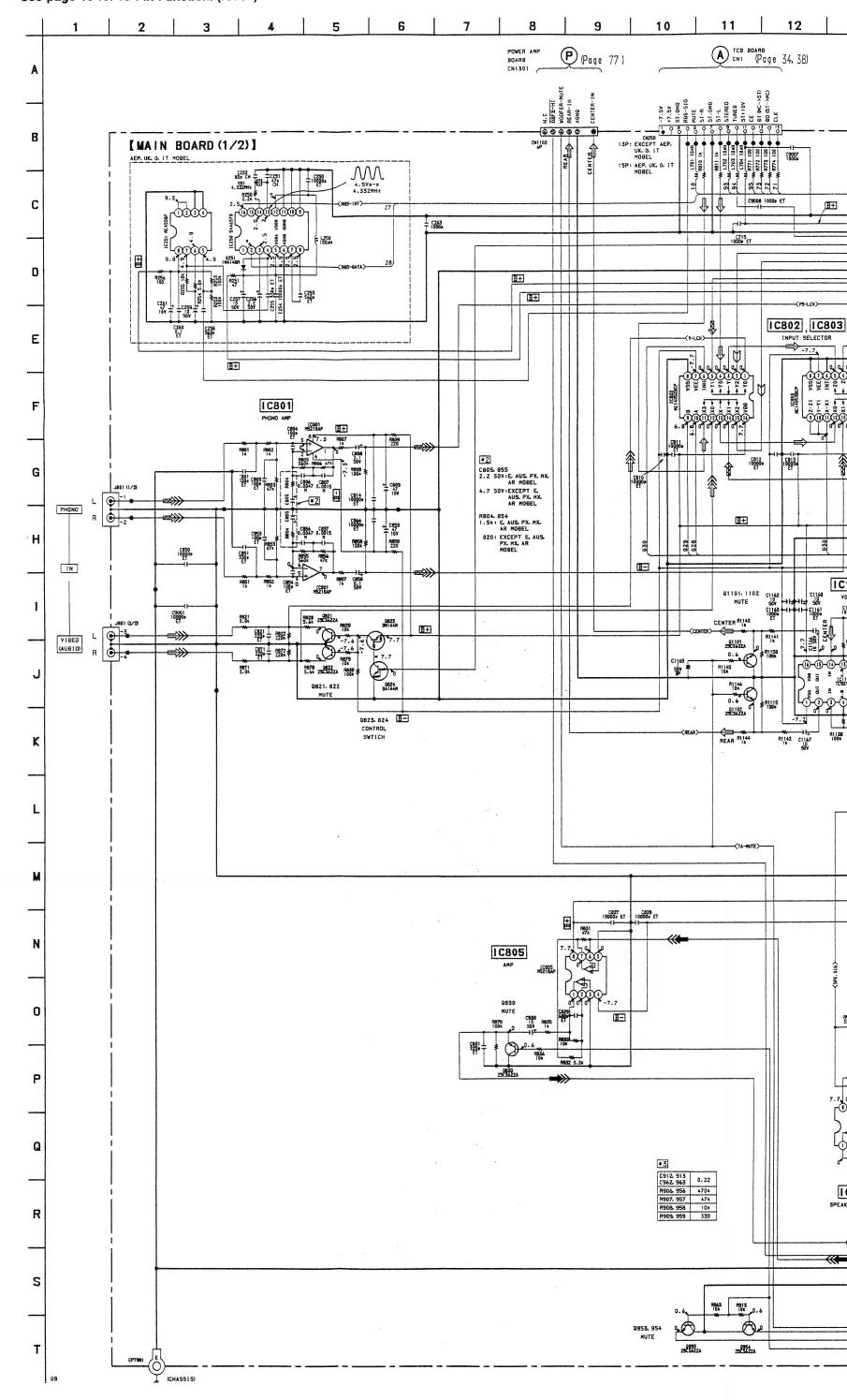
B-9 B-8 B-4 C-9 C-4 C-4 B-2 C-4 B-2 C-4 B-15 D-15 D-15 D-15 D-15

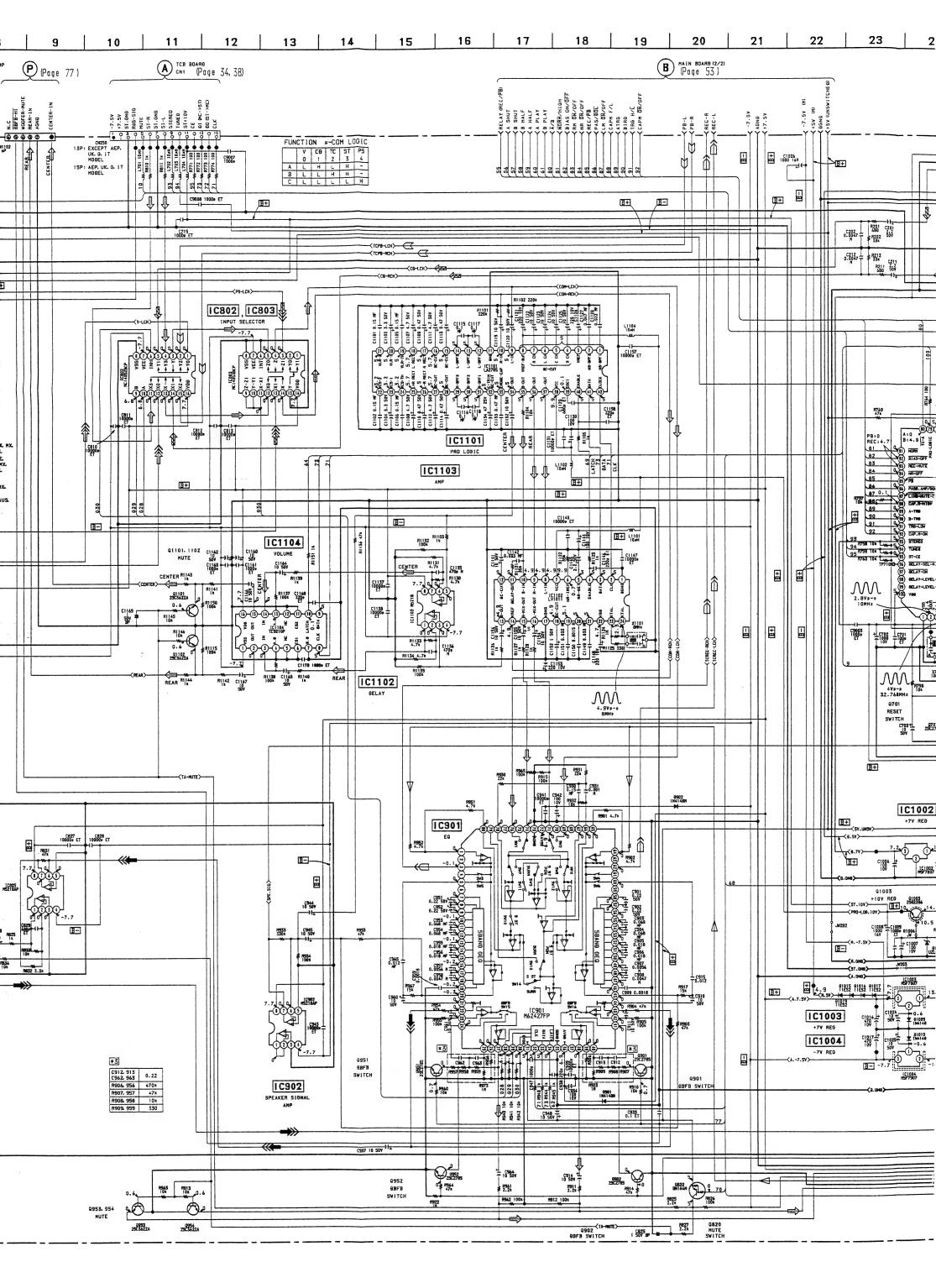
J-12 H-11 H-10

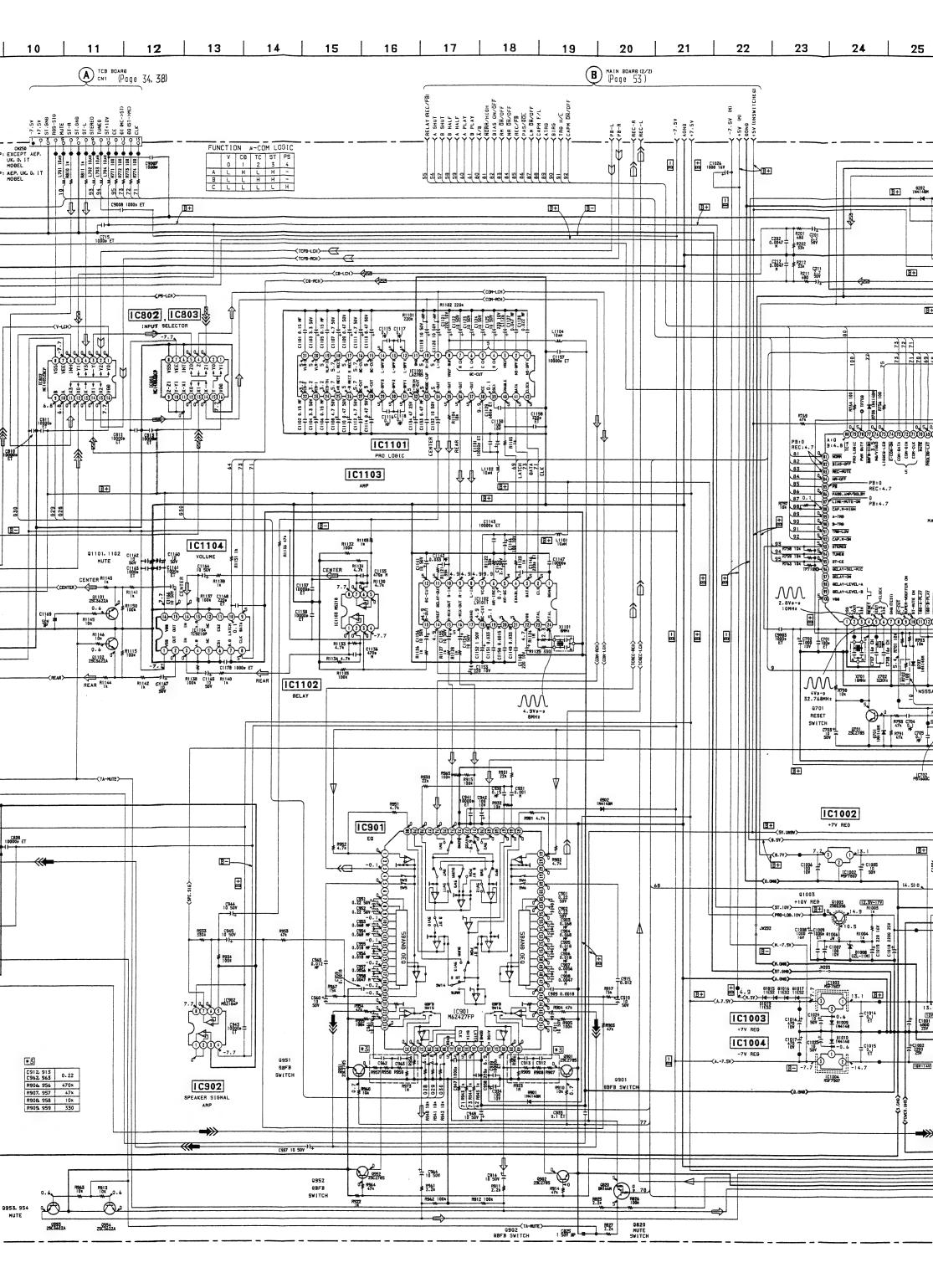
K-11 L-12 I-4 I-4 J-9 J-5 D-11

ble seeing.

ient side.







HG OM L-CH B+ 8202 8201 1N4148M 1N4148M OIN R-CH A+5V **(**C) 1+ BE BOARD CNU102 (Page 46) B+ #1 R740 4.7% :E, MX, AR MOBEL
4.8% :G, IT MOBEL
10% :AEP, UK MOBEL
60% : R741 S. SK :AEP, UK G, IT M
6.8% :E, MX, AR MOBEL
22% : AUS, PX MOBEL
22% : AUS, PX MOBEL
22% : AUS, PX MOBEL B+ C9004 1000+ 22 23 M R745 11 7 1 1 1739 2 2 1 1739 4 7 1 0 UP. SV 0 LE9 77 0 TBL-R B+ Œ M.GNB
SV
T.SENS
B.GNB CÐ MOTOR **B**+ BOARD CN201 (Page 80) IC701 TMP87CS64YF CAP.H-ON STERED TUNES 36 35 34 ST-CE GELAY-SEL-HIC 0H-REG (34) TP701
ABJ (33) R727 100 TP702 CM781
19P:EXCEPT E. AUS. PX. HX. AR MOBEL
21P:E. AUS. PX. HX. AR MOBEL
A.GNB GELAY-ON GELAY-LEVEL-A METAL-TEAET-3 MIC-OUT POWER-ON A-7.5V A+7.5V HP.GNB HP-R HP.SW ౙౙౙౙౙౙౙఴఴఴ౷౷౸౸౸ COUNTY | 10 COUNTY 23 F718 100 W 24 F719 100 W 25 F720 100 W 26 F721 100 W 8772 29 W F723 30 W F725 100 \pm SPA.SIG BATA.MG **(D)** X701 1011iz X702 32XHz BATA.GH PANEL BOARD CLK.MG R722. 723 REQ.GM RBY.MG RESET (Page 67) R794 100 R795 10k Ð.GNÐ 02 8.9N8 8+5V VF8P (-25V) VF NOTE IC702 B+ 25C2785 5 47k • All capacitors are in μF unless otherwise noted.pF:μμF 50W or less are not indicated except for electrolytics H8703 1N4148M 9702 1N4148M and tantalums. • All resistors are in Ω and 1/4W or less unless otherwise 8711 11E32 10702 PST6000 specified. 8+ △ :internal component. JV303 JN227 JN320 • tusible resistor. • _____:panel designation. C1002 Q1001. 1002 C8 POWER REG IC1001 Nate: Note: IC1001 HSF7805L The components identi- Les composants identifiés par 91001 2581014 13.1 (4. g) (0 S fied by mark A or dot- une marque A sont critiques 2 + c1005 1C1002 50V 0.2) R1001 2.2k 5 220 5 (4.2) ted line with mark 🛧 | pour la sécurité. C1012 10 50V are critical for safety. Ne les remplacer que par une 1000 6.3V Replace only with part | pièce portant le numéro spèci-\$1,00Z 91007 1N4148M number specified. fiè. B+ :B+ Line. :B- Line. B-· Voltages and waveforms are dc with respect to ground 8+ R1005 0.33 under no-signal (detuned) conditions. #1002 A # #1001 Δ no mark:FM 81003 8358A20-4101 ():CĐ PLAY * :can not be measured. \pm 13.1 Voltages are taken with a VOM (Input impedance 10MQ). 3 0.6 81009 1N4148 Voltage variations may be noted due to normal produc-Q1006 VF REG tion tolerances. • Waveforms are taken with a oscilloscope. C1021 EXCEPT E. AUS. PX. MX. AR MOBEL Voltage variations may be noted due to normal produc-B1010 1N4148 -0.6 1 2 R1022 81012 HZ530-2L tion tolerances. +C1002 T 2200 ZSV Abbreviation 81014 C1022 11E52 50V E. AUS. PX. MX 187-147 G :German model. R1023 CHI 101 20P [T:[talian model. REAR-OFF -7.5V +7.5V MX :Mexican model. R1020 AUS: Australian model. +7.5V
VF1
VF2
AC11V
AC8V
AC.GNB
ACBV
P.GNB
OBFB-FB
POWER ON 81013 11E52 C1025 220 50V AR : Argentine model. • Signal path. ∴ :FM :VIEE0 WOOFER $^{(G)}$ SUPER WOOFER POWER AMP BOARD CN1201 RCH-OUT A. GNB LCH-OUT ∑ :PB □>> :REC (Page 77) VOOFER IN VOOFER OFF HP-L HP-R **₩** :CÐ ΒŦ 쁘 :PH0N0 → :MIC

27

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34

35

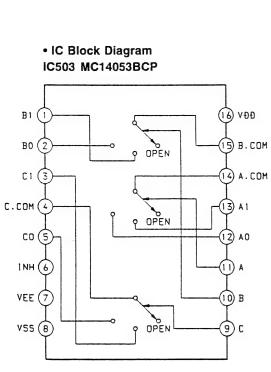
36

37

24

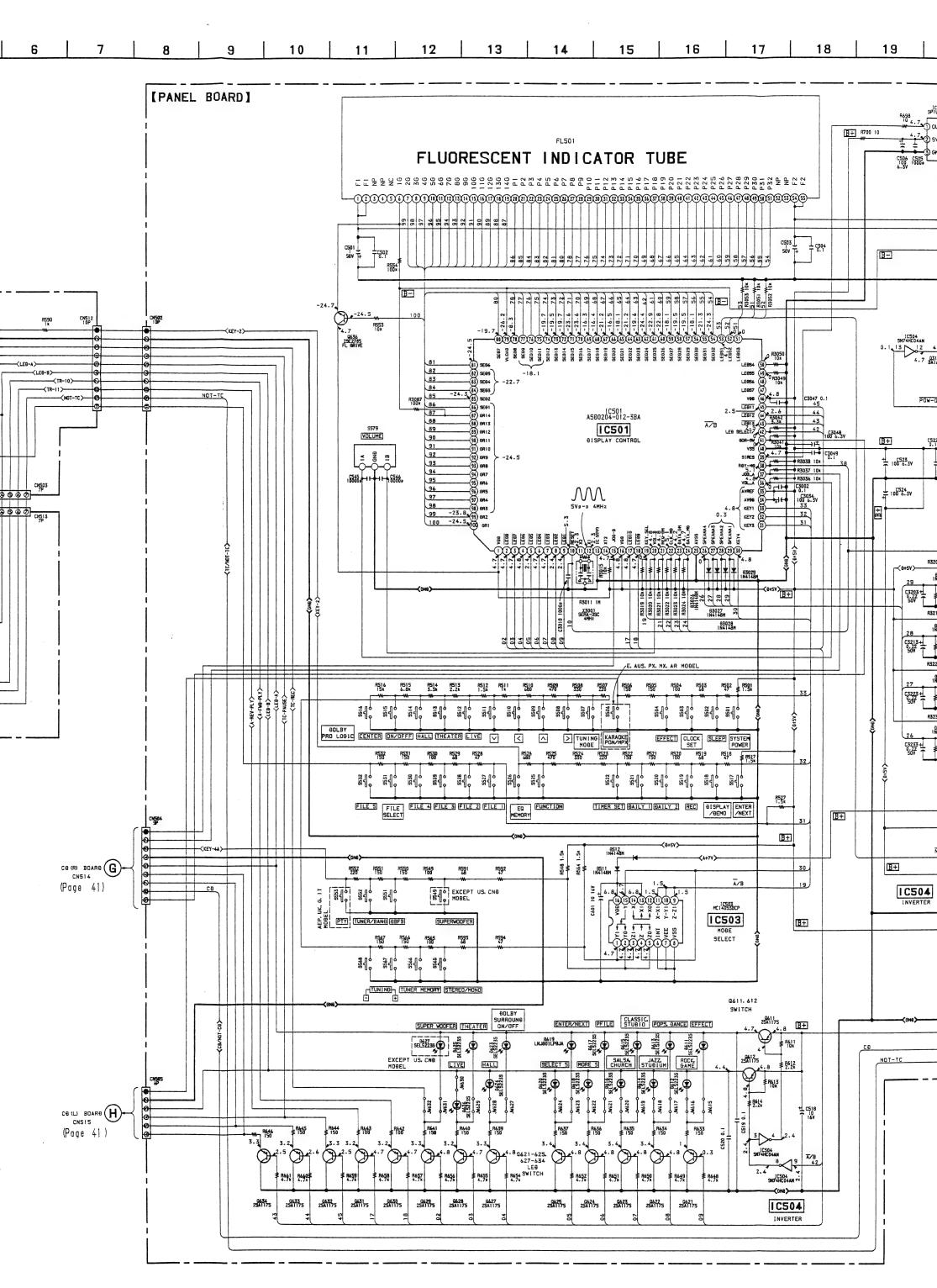
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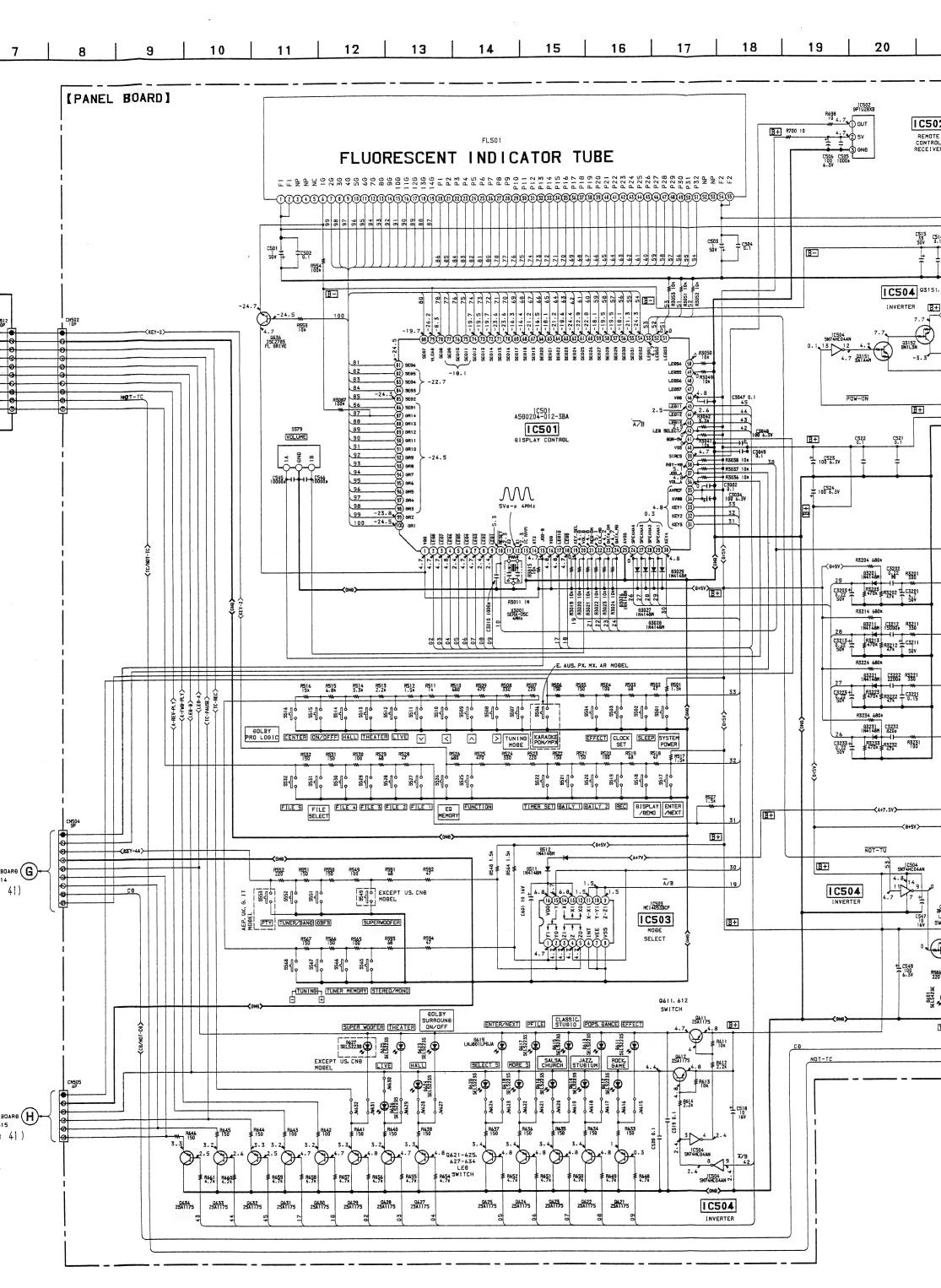
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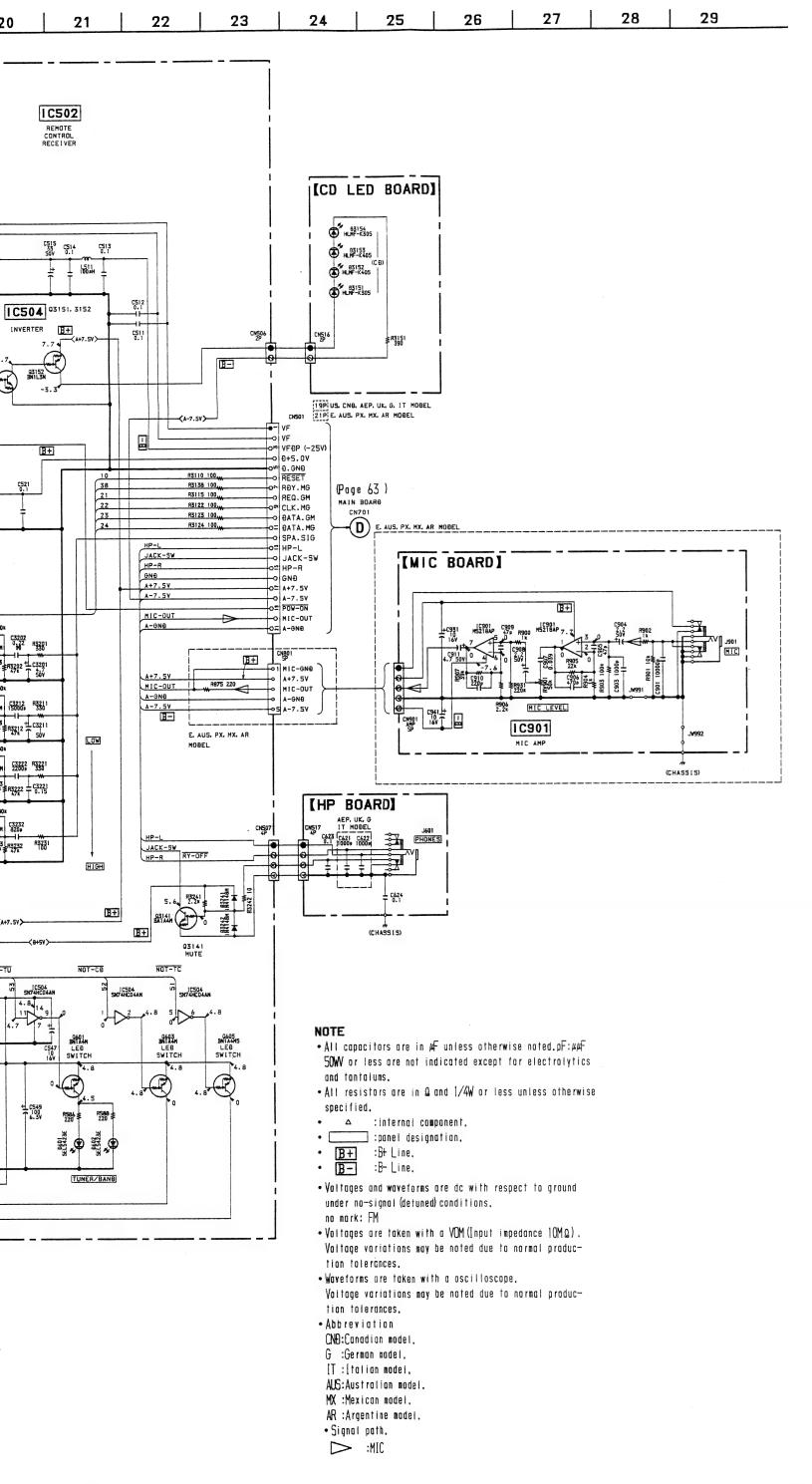


Q

R

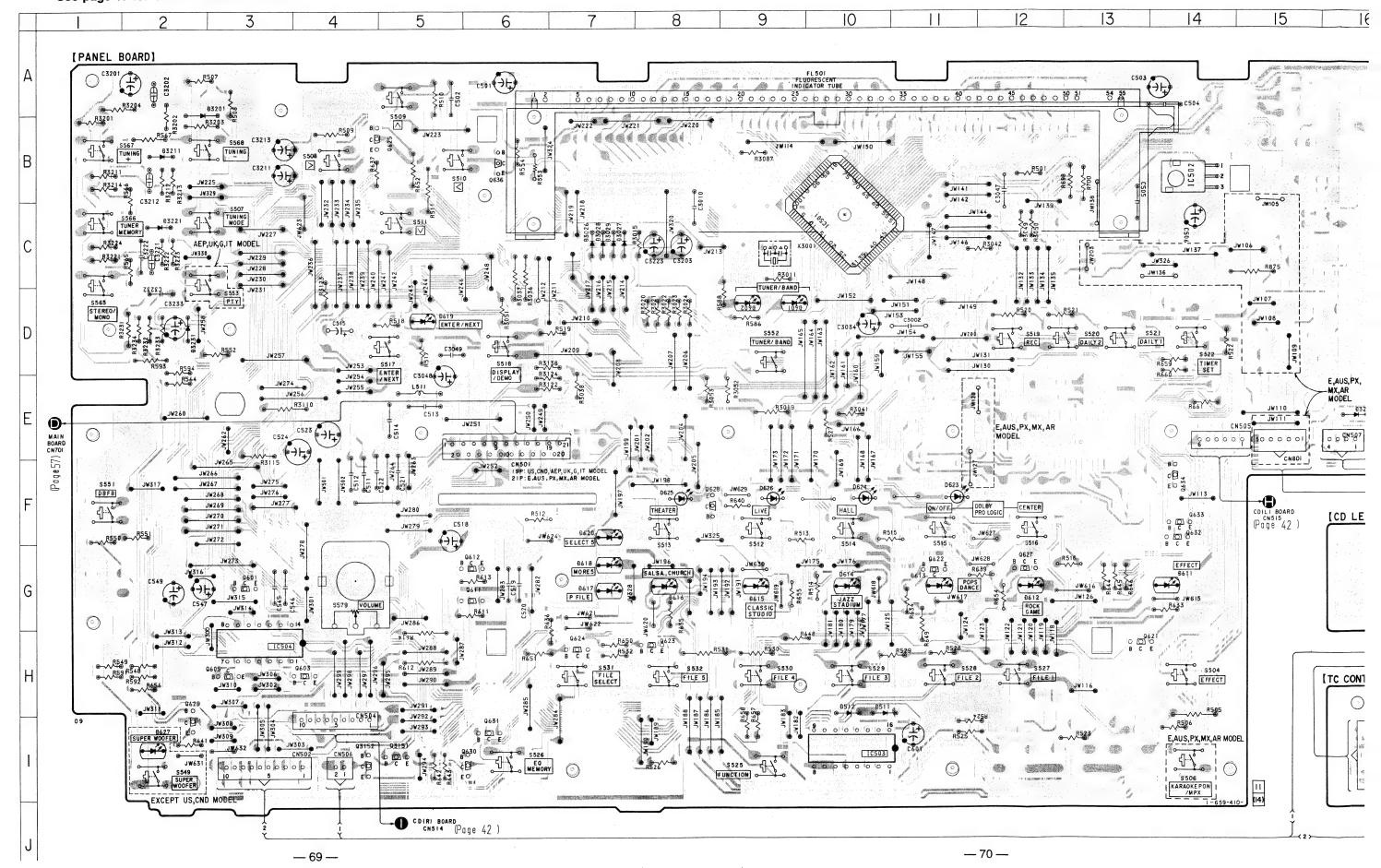


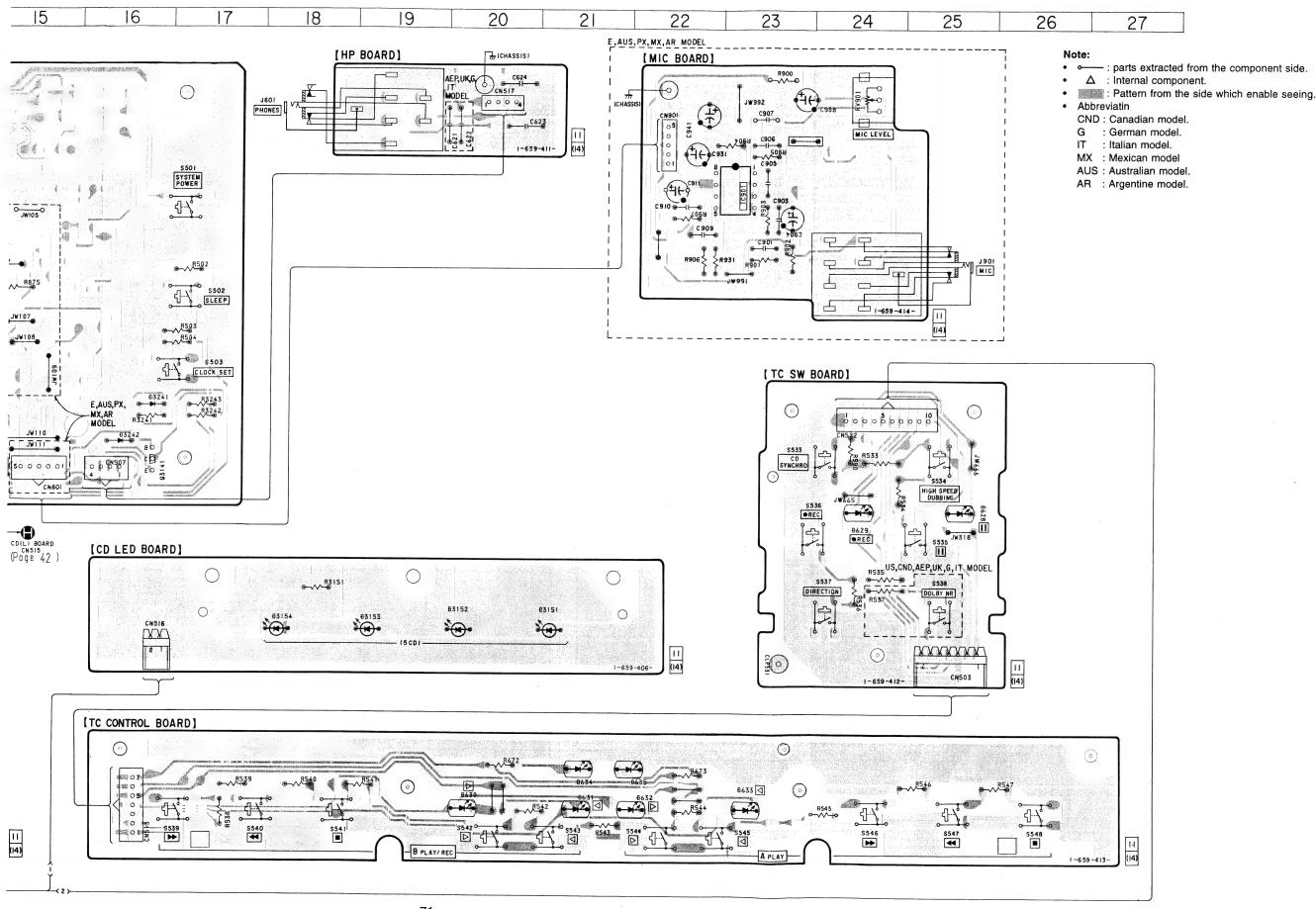




5-17. PRINTED WIRING BOARD — PANEL SECTION —

• See page 17 for Circuit Boards Location.





Semiconductor

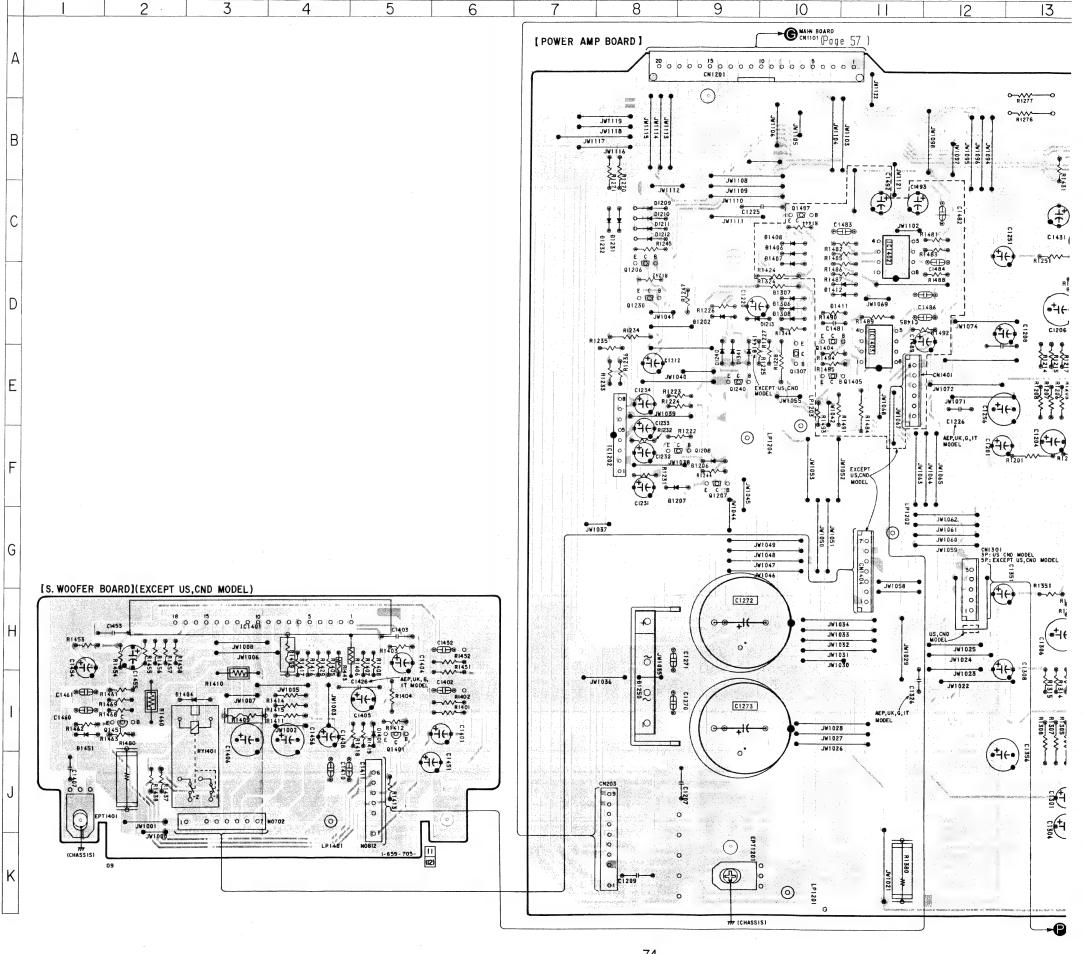
 Semion Locat 	onductor ion
Ref. No	. Location
D511 D512 D601 D602 D611 D612 D613 D614 D615 D616 D617 D618 D619 D620 D623 D624 D625 D626 D627 D628 D629 D630 D631 D632 D631 D632 D633 D634 D635 D3026 D3027 D3028 D3029 D3151 D3152 D3153 D3154 D3201 D3211 D3221 D3231 D3241	H-10 H-10 D-9 D-9 G-14 G-12 G-11 G-9 G-8 G-7 D-5 F-7 F-11 F-10 F-9 F-8 I-2 F-25 F-24 I-20 I-21 I-22 I-23 I-21 I-22 C-7 C-7 C-7 C-7 C-7 G-19 G-18 A-3 B-2 C-2 E-16 E-16
IC501 IC502 IC503 IC504 IC901	C-10 B-14 I-10 H-3 B-23
Q601 Q603 Q605 Q611 Q612 Q621 Q622 Q623 Q624 Q625 Q627 Q628 Q629 Q630 Q631 Q632 Q633 Q634 Q636 Q3141 Q3151 Q3152	G-3 H-4 G-6 H-14 G-11 H-8 H-7 F-8 H-6 I-6 I-6 I-14 E-15 I-4

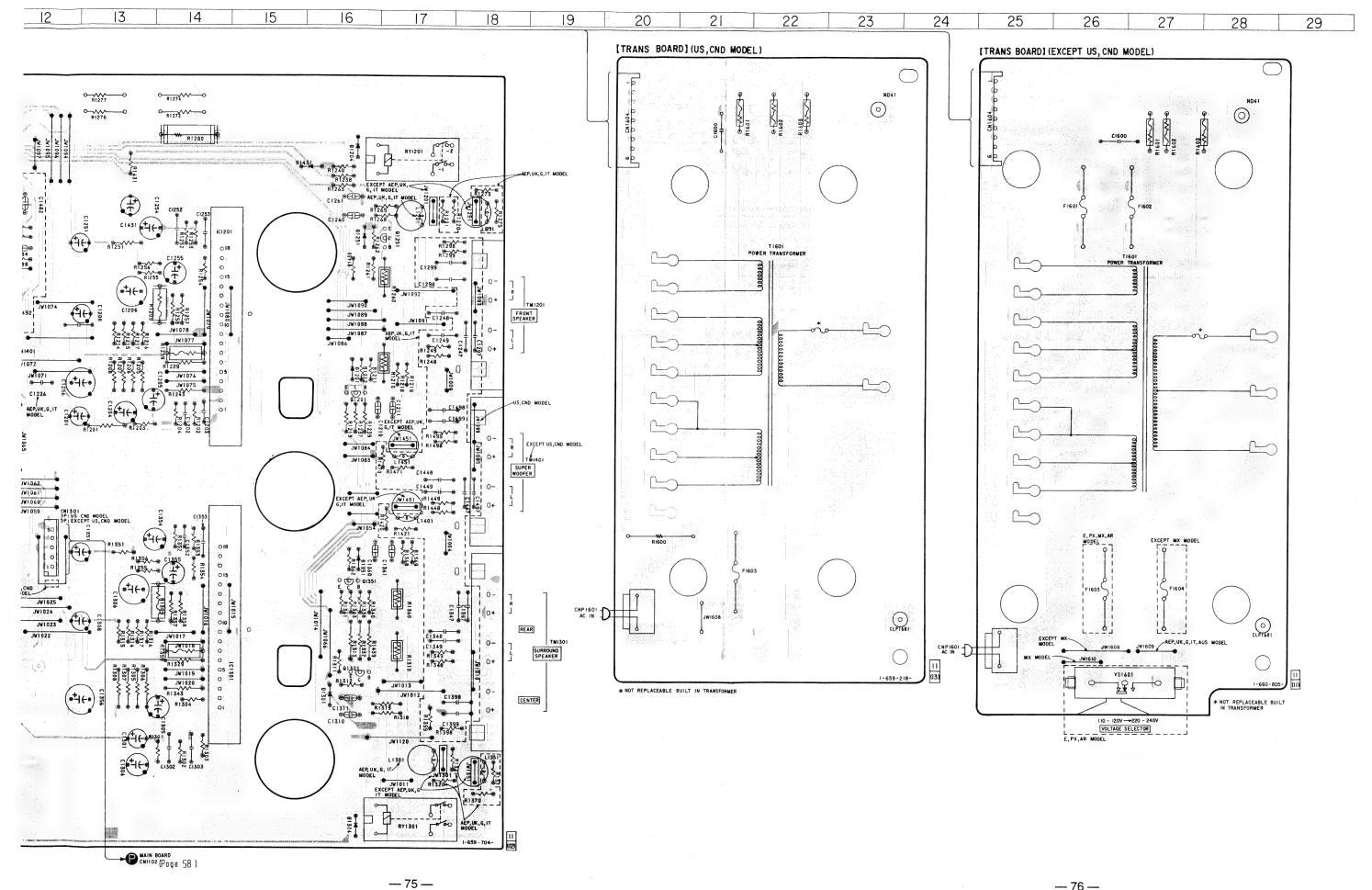
5-18. PRINTED WIRING BOARD — POWER SECTION — • See page 17 for Circuit Boards Location.

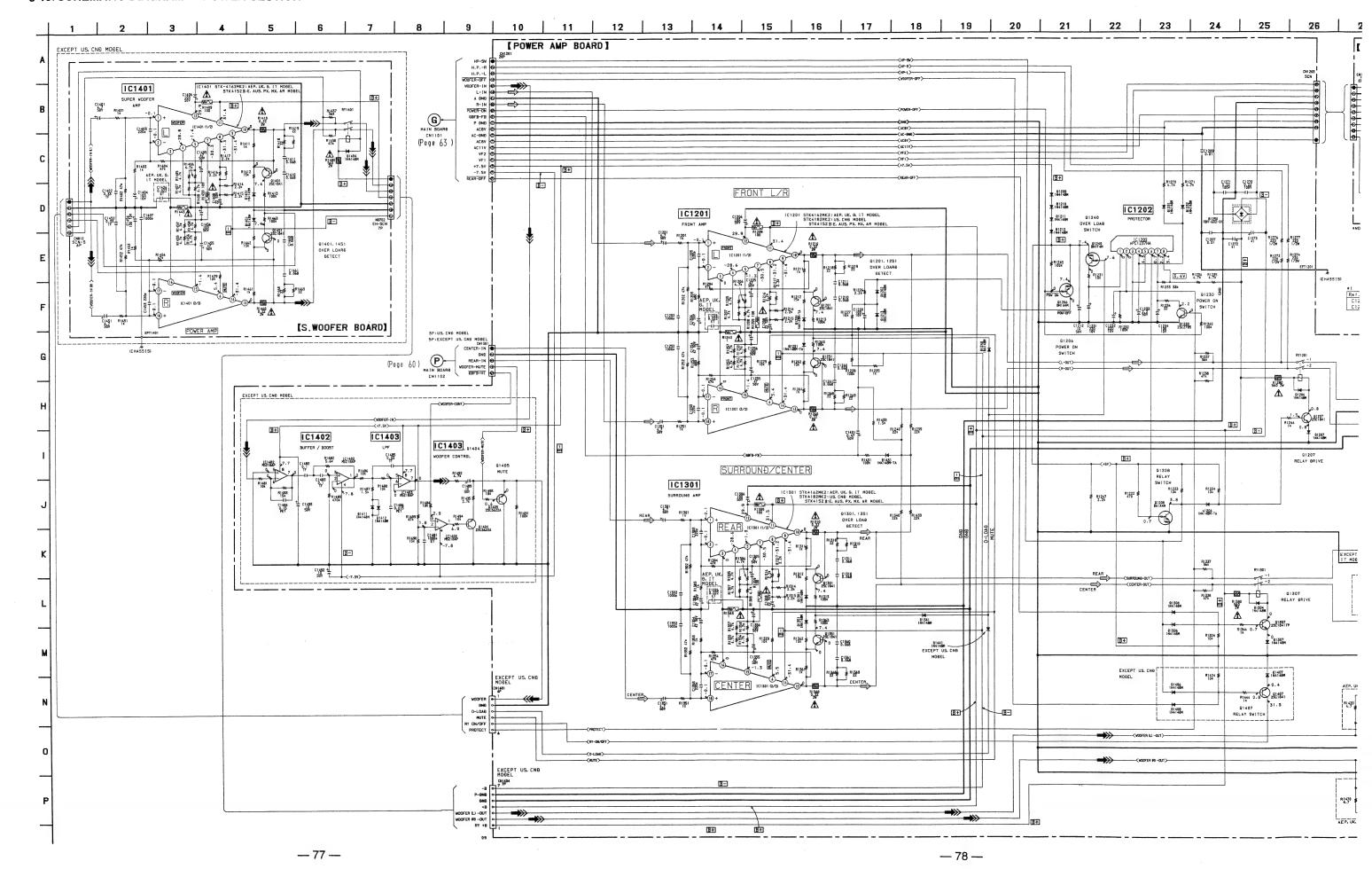
Semico Location	onductor on
Ref. No.	Location
D1201 D1202 D1204 D1206 D1207 D1209 D1210 D1211 D1212 D1213 D1231 D1232 D1240 D1251 D1301 D1304 D1306 D1307 D1308 D1341 D1351 D1401 D1404 D1405 D1411 D1412 D1431 D1441 D1451	E-16 D-9 B-16 F-9 F-9 C-8 C-8 D-10 C-8 E-9 E-9 E-9 H-16 I-5 I-3 C-10 D-11 D-11 B-16 E-9 I-1
IC1201 IC1202 IC1301 IC1401 IC1402 IC1403	C-14 F-8 I-15 H-3 C-11 D-11
Q1201 Q1206 Q1207 Q1208 Q1230 Q1240 Q1251 Q1301 Q1351 Q1351 Q1401 Q1404 Q1405 Q1407 Q1451	F-16 D-8 F-9 F-9 D-8 E-9 C-17 I-16 E-10 H-16 I-5 E-10 E-11 C-10 I-2

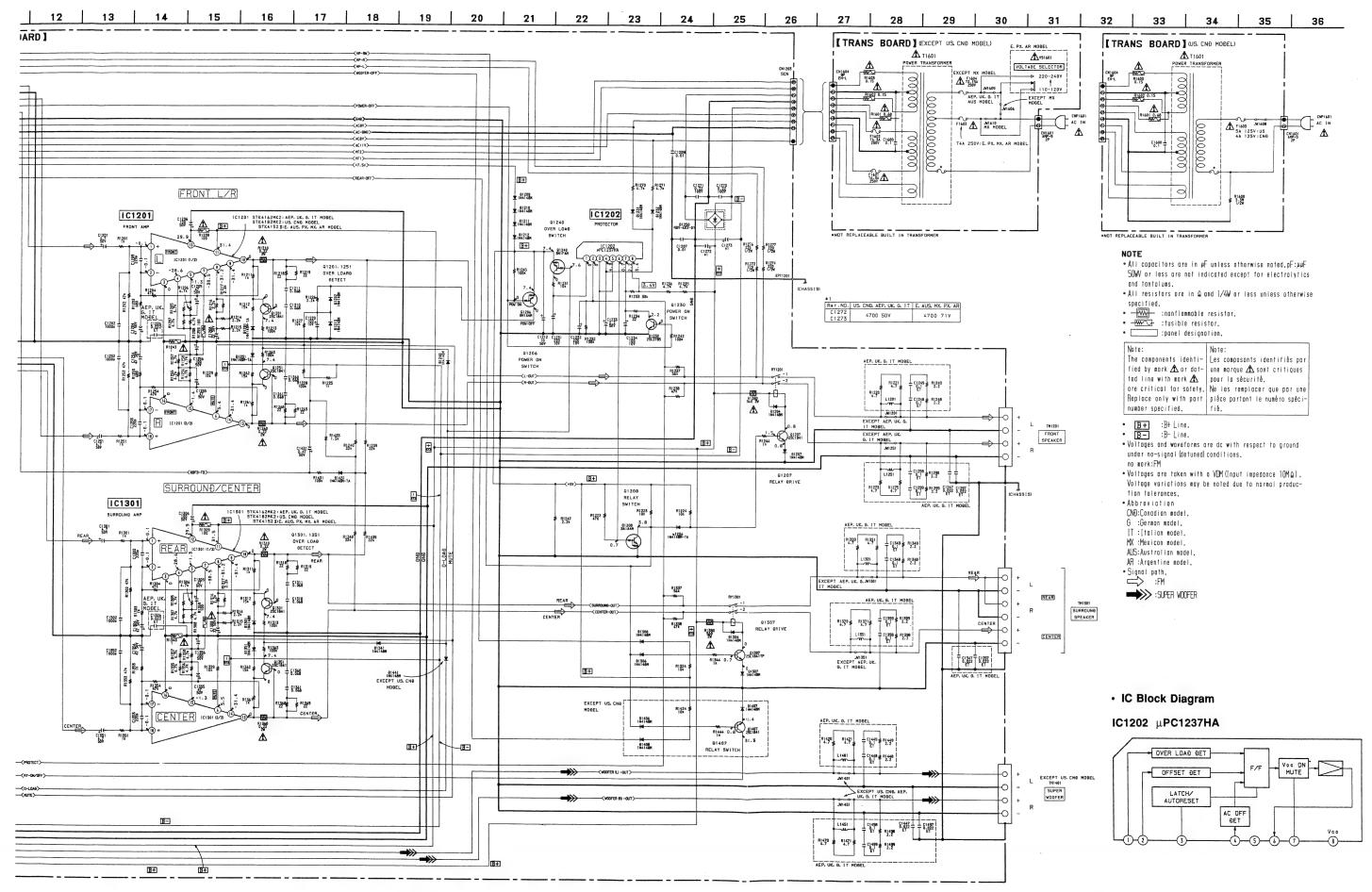
- • ---: parts extracted from the component side.
- Pattern from the side which enable seeing.
- Abbreviatin

CND: Canadian model. G: German model. IT: Italian model. MX : Mexican model AUS : Australian model. AR : Argentine model.

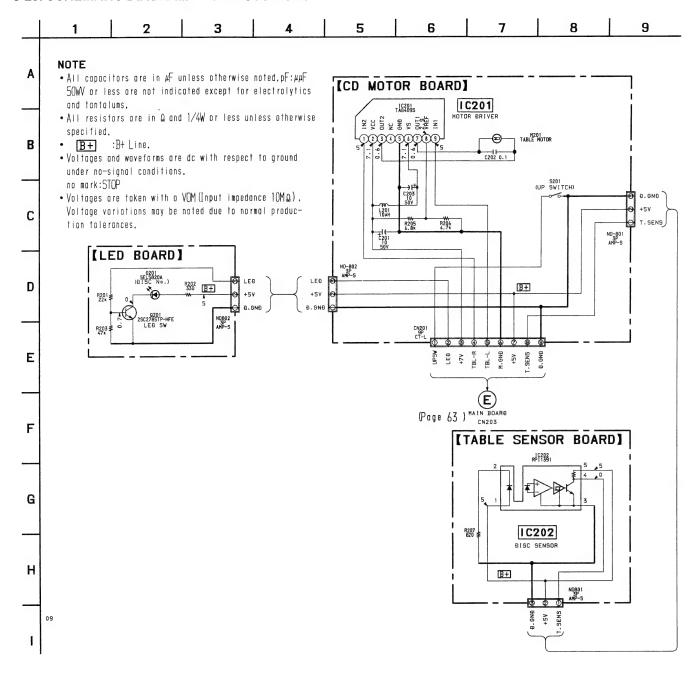






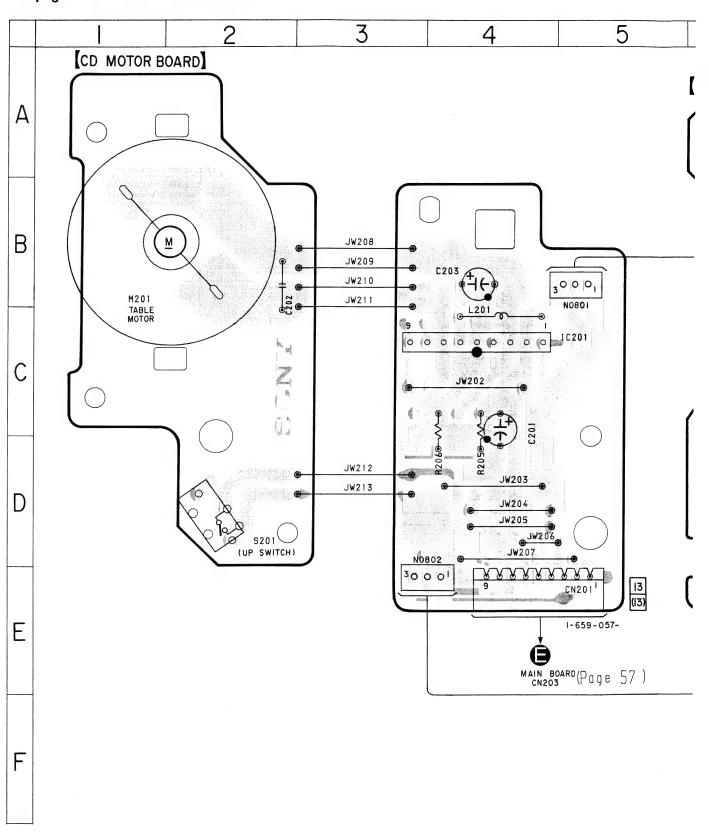


5-20. SCHEMATIC DIAGRAM — CD MOTOR SECTION —



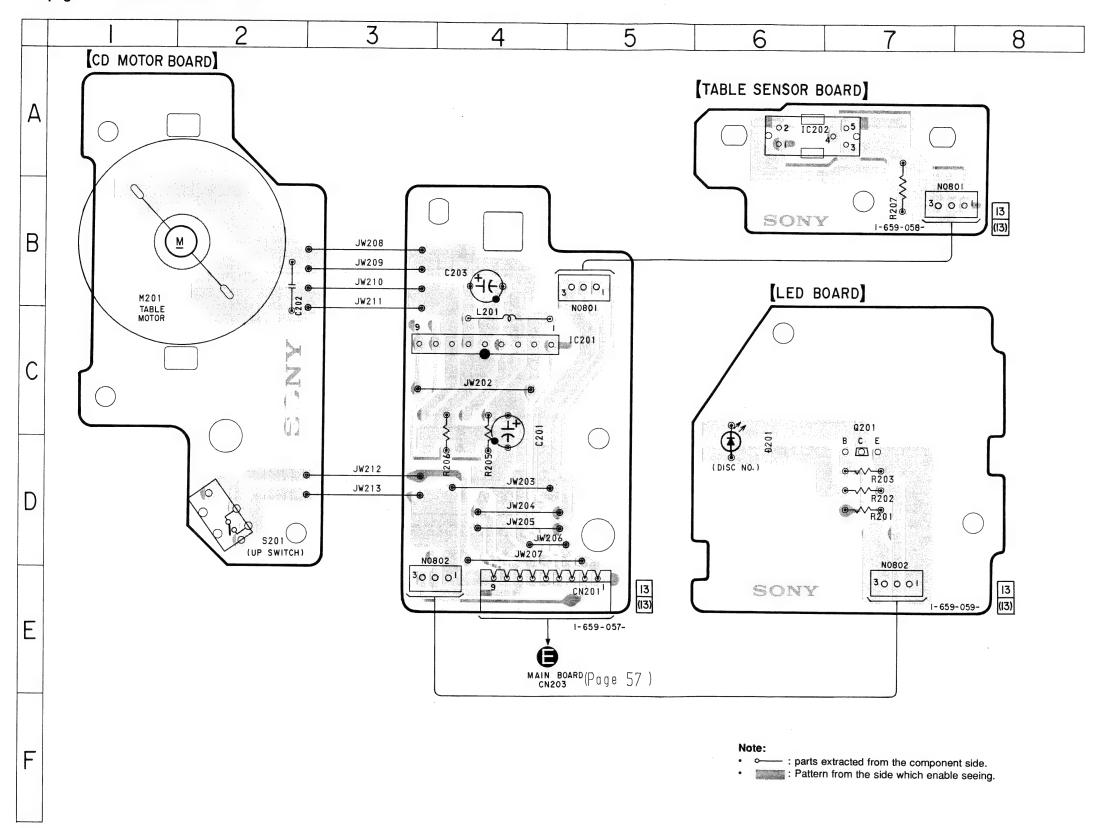
5-21. PRINTED WIRING BOARD — CD MOTOR SECTION —

• See page 17 for Circuit Boards Location.



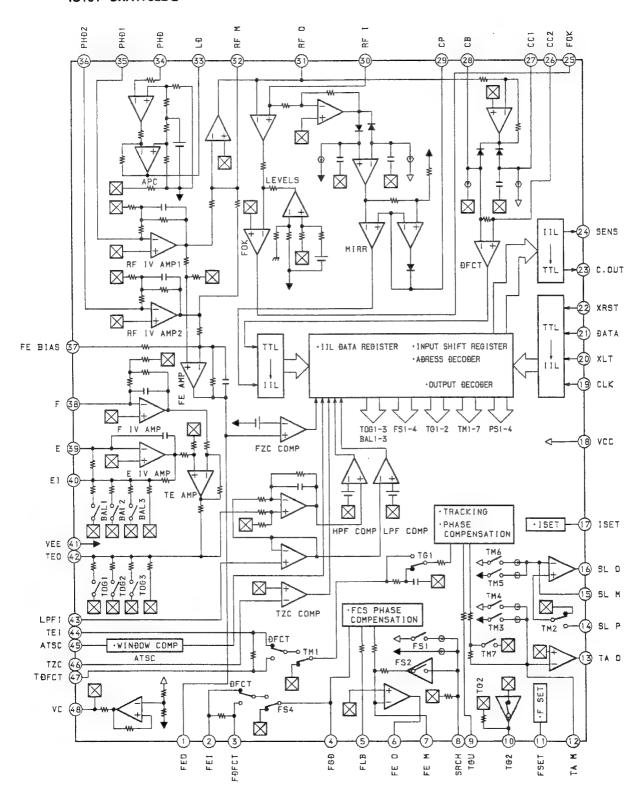
5-21. PRINTED WIRING BOARD — CD MOTOR SECTION —

• See page 17 for Circuit Boards Location.

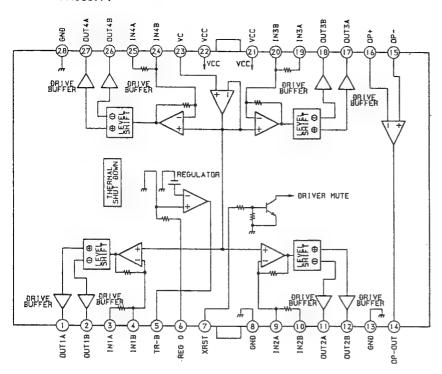


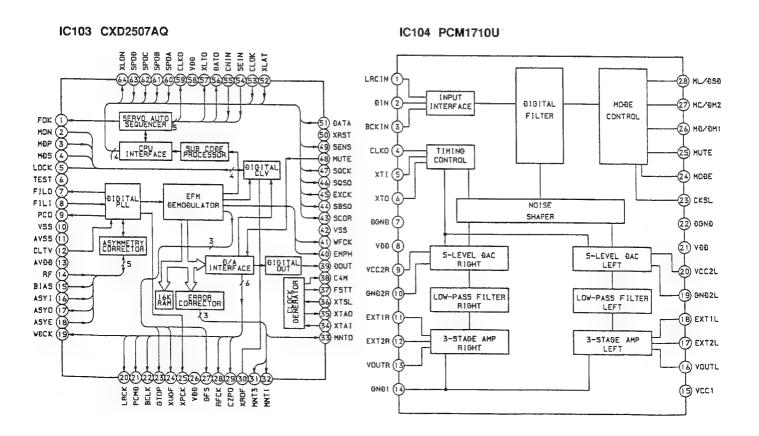
5-22. IC BLOCK DIAGRAMS — CD SECTION —

IC101 CXA1782BQ



IC102 BA6397FP





SECTION 6 EXPLODED VIEWS

NOTE:

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation

CND: Canadian model : German model : Italian model IT MX : Mexican model AUS: Australian model AR : Argentine model

The components identified by mark A or dotted line with mark ⚠ are critical for safety.

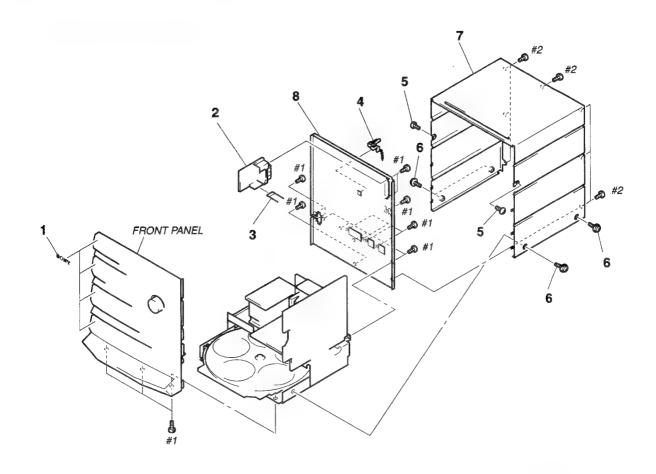
Replace only with part number

specified.

Les composants identifiés par une marque A sont critiques pour la sécurité.

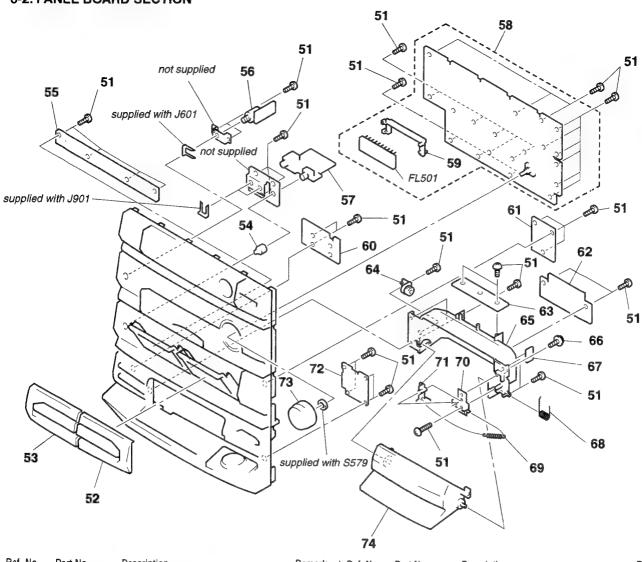
Ne les remplacer que par une piéce portant le numéro spécifié.

6-1. CABINET AND BALCK PANEL SECTION



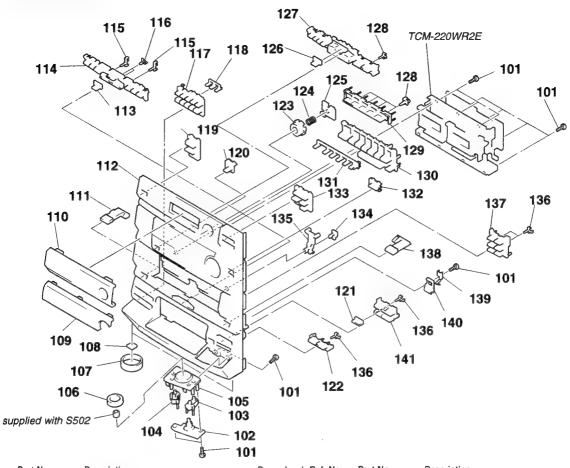
Ref. No.	Part No. D	escription	Remark	Ref. No.	Part No.	Description	<u>Remark</u>
1	4-963-404-21	EMBLEM (5-A), SONY	1	6	4-929-973-01	SCREW (CASE, 3 POINT)	
* 2	A-4303-502-A	TCB BOARD, COMPLETE (Except Malay		* 7	4-978-177-71	CASE	
		product) (N555AV:/	' '	* 8	4-978-193-01	PANEL, BACK (D670AV:US)	
* 2	A-4303-503 -A	TCB BOARD, COMPLETE (N555AV:IT,G)	* 8	4-978-193-11	PANEL, BACK (D670AV:CND)	
* 2	A-4303-510-A	TCB BOARD, COMPLETE(D670AV)		* 8	4-978-193-21	PANEL, BACK (N555AV:AEP)	
* 2	A-4303-513-A	TCB BOARD, COMPLETE					
		(N555AV:E,AUS,AR	,MX,PX)	* 8	4-978-193-31	PANEL, BACK (N555AV:G)	
		(,,	,	* 8	4-978-193-41	PANEL, BACK (N555AV:IT)	
* 2	A-4303-514-A	TCB BOARD, COMPLETE (Malaysia prod	duct)	* 8	4-978-193-51	PANEL, BACK (N555AV:UK)	
		(N5	55AV:AEP)	* 8	4-978-194-01	PANEL, BACK (N555AV:E)	
3	1-751-688-11	WIRE (FLAT TYPE)(13 CORE)	,	* 8	4-978-194-11	PANEL, BACK (N555AV:AR)	
		(D670AV/N555AV:E,G,IT,AUS,	PX,MX,AR)				
3	1-773-011-11	WIRE (FLAT TYPE)(15 CORE)(N555AV:	AEP,UK)	* 8	4-978-194-21	PANEL, BACK (N555AV:AUS)	
4	4-956-370-12	BAND, PLUG FIXED (N555AV:UK,AUS		* 8	4-978-194-31	PANEL, BACK (N555AV:PX)	
5	3-363-099-01	SCREW (CASE 3 TP2)		* 8	4-978-194-41	PANEL, BACK (N555AV:MX)	

6-2. PANEL BOARD SECTION



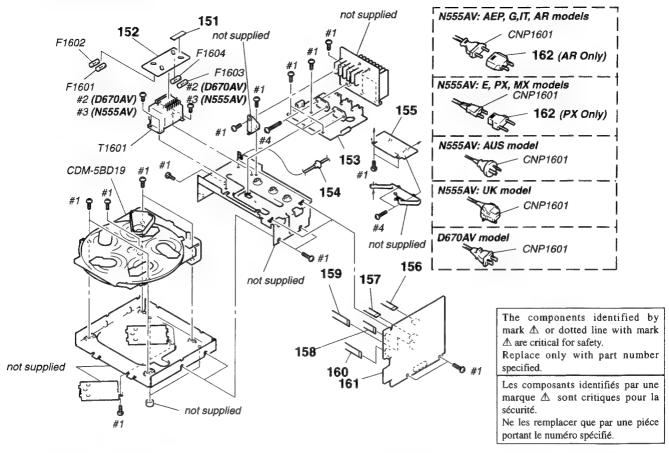
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	<u>Remark</u>
51	4-951-620-01	SCREW (2.6X8), +BVTP		* 63	1-659-406-11	CD LED BOARD	
52	X-4946-636-1	LID (B) ASSY, CASSETTE					
53	X-4946-635-1	LID (A) ASSY, CASSETTE		64	3-354-963-21	DAMPER	
54	4-973-644-01	KNOB (MIC)(N555AV:E,AUS,PX,MX,AR)		65	4-978-140-11	COVER (CD)	
* 55	1-659-413-11	TC CONTROL BOARD		66	4-957-577-01	SCREW PTP WH (2.6X8)(DIA. 10)	
				* 67	1-659-408-11	DOOR SW BOARD	
* 56	1-659-411 <i>-</i> 11	HP BOARD					
* 57	1-659-414-11	MIC BOARD (N555AV:E,AUS,PX,MX,AR)	68	4-978-171-01	SPRING, TORSION	
* 58	A-4389-610-A	PANEL BOARD, COMPLETE (D670AV)		69	4-978-170-01	SPRING, TENSION	
* 58	A-4389-619-A	PANEL BOARD, COMPLETE		* 70	4-978-169-01	BRACKET (OPEN)	
		(N555AV:E,AUS,I	PX,MX,AR)	71	4-978-141-01	LEVER, LOCK	
* 58	A-4389-629-A	PANEL BOARD, COMPLETE		* 72	1-659-409-11	CD (R) BOARD	
		(N555AV:AE	P,UK,G,IT)			,	
				73	4-978-142-01	KNOB (V)	
59	4-971-014-11	HOLDER, FL TUBE		74	4-978-139-01	LID, DISC	
* 60	1-659-404-11	CD (L) BOARD		FL501	1-517-490-21	INDICATOR TUBE, FLUORESCENT	
* 61	1-659-412-11	TC SW BOARD				• • • • • • • • • • • • • • • • • • • •	
62	4-980-060-01	INDICATOR (COVER)					

6-3. FRONT PANEL SECTION



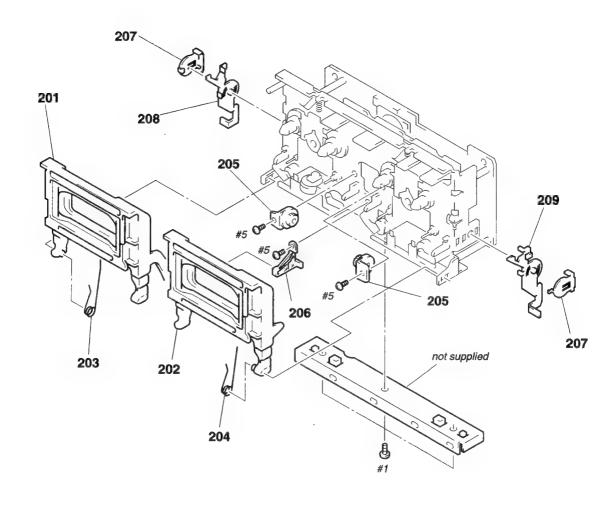
		9 101				
Ref. No.	Part No.	<u>Description</u> <u>Remark</u>	<u> </u>	ef. No.	Part No.	<u>Description</u> <u>Remark</u>
101	4-951-620-01	SCREW (2.6X8), +BVTP		122	4-978-152-01	BUTTON (AUTO)
* 102	1-659-405-11	CD JOG BOARD	-	123	4-978-119-01	BUTTON (CURSOR)
103	4-978-153-01	BUTTON (PROGRAM)		124	4-978-683-01	SPRING, COMPRESSION
104	4-978-712-01	BUTTON (SHUFFLE)	1	125	4-978-682-01	COVER (CURSOR)
105	4-978-155-01	PLATE, ORNAMENTAL		126	4-978-135-01	INDICATOR (BAND)
106	4-978-154-01	KNOB (DISC)		127	4-978-121-11	BUTTON (BAND)
107	4-921-918-11	PLATE, ORNAMENTAL		128	4-978-136-01	INDICATOR (ENTER)
108	4-948-236-01	CUSHION (107)		129	4-978-167-01	BUTTON (PRO LOGIC)
109	4-978-680-01	DISPLAY (TA)(D670AV)		130	4-978-123-01	BUTTON (FU)
109	4-978-680-11	DISPLAY (TA)(N555AV)		131	4-978-681-01	INDICATOR (SE5)
110	4-978-131-01	DISPLAY (ST)		132	4-978-124-11	BUTTON (DOLBY)
		(D670AV/N555AV:E,AUS,PX,MX,AI	₹)	133	4-978-120-01	BUTTON (TUNING)
110	4-978-131-11	DISPLAY (ST)(N555AV:AEP,UK,G,IT)	`			(D670AV/N555AV:E,AUS,PX,MX,AR)
111	4-978-146-01	BUTTON (EJECT-L)		133	4-978-120-11	BUTTON (TUNING)(N555AV:AEP,UK,G,IT)
112	4-978-116-01	PANEL, FRONT (D670AV)		134	4-979-017-01	INDICATOR (SW)(N555AV)
112	4-978-116-11	PANEL, FRONT (N555AV:AEP,UK,G,IT)		135	4-978-166-01	BUTTON (SUPER-W)(N555AV)
112	4-978-116-21	PANEL, FRONT (N555AV:E,AUS,PX,MX,AR)		136	4-978-161-01	INDICATOR (PAUSE)
113	4-978-157-01	INDICATOR (TC)		137	4-978-144-01	BUTTON (DUBBING)
114	4-978-145-01	BUTTON (TC)				(D670AV/N555AV:AEP,UK,G,IT)
115	4-978-159-01	INDICATOR (REV)		137	4-978-144-11	BUTTON (DUBBING)(N555AV:E,AUS,PX,MX,AR)
116	4-978-158-01	INDICATOR (FWD)		138	4-978-147-01	BUTTON (EJECT-R)
				139	4-980-061-01	SPRING (OPEN)
117	4-978-127-11	BUTTON (DISC 5)				
118	4-978-160-01	INDICATOR (CLIP)		140	4-978-130-01	BUTTON (OPEN)
119	4-978-118-01	BUTTON (POWER)		141	4-978-128-01	BUTTON (PLAY)
120	4-978-151 -0 1	BUTTON (PON)(N555AV:E,AUS,PX,MX,AR)				
121	4-978-137-01	INDiCATOR (PLAY)				

6-4. CHASSIS SECTION



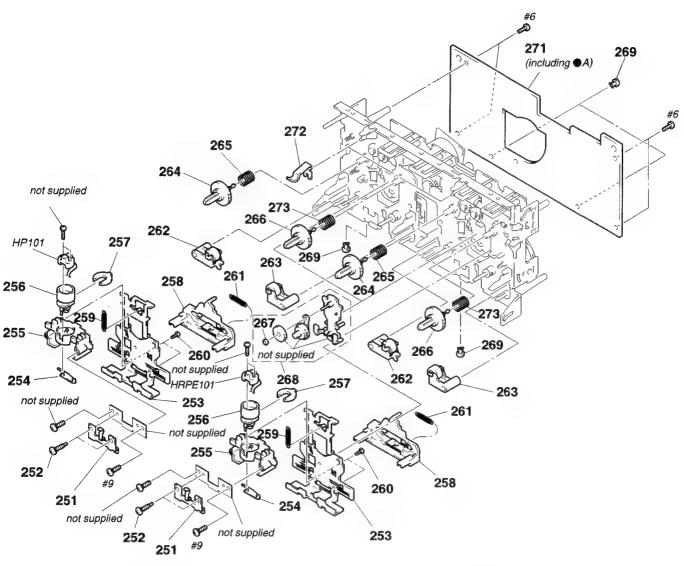
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
* 151	3-701-946-26	LABEL, FUSE RATING (D670AV)		* 161	A-4389-602-A	MAIN BOARD, COMPLETE (D	(670AV)
151	3-701-946-27	LABEL, FUSE RATING (D670AV)		* 161		MAIN BOARD, COMPLETE (N	,
* 152	1-659-218-11	TRANS BOARD (D670AV)					, ,
* 152	1-660-805-11	TRANS BOARD (D555AV)		* 161	A-4389-622-A	MAIN BOARD, COMPLETE (N	I555AV:AEP,UK)
* 153	A-4389-604-A	POWER AMP BOARD, COMPLETE (D67	'0AV)	* 161	A-4389-894-A	MAIN BOARD, COMPLETE (N	I555AV:AUS,PX)
				* 161	A-4390-010-A	MAIN BOARD, COMPLETE (N	1555AV:G,IT)
* 153	A-4389-617-A	POWER AMP BOARD, COMPLETE		162	1-569-007-11	ADAPTER, CONVERSION 2P	(N555AV:PX)
		(N555AV:E,AUS,	PX,MX,AR)	162	1-569-008-11	ADAPTER, CONVERSION 2P	(N555AV:AR)
* 153	A-4389-625-A	POWER AMP BOARD, COMPLETE					
			ep,uk,g,it)	△ CNP160	1 1-558-943-51	CORD, POWER (N555AV:E, P.	X,MX)
* 154	3-703-244-00	BUSHING (2104), CORD		△ CNP160	1 1-575-042-21	CORD, POWER (D670AV)	
		(D670AV/N555AV:AEP,UK,G,		△ CNP160	1 1-575-651-21	CORD, POWER (N555AV:AEF	
154	4-966-266-01	BUSHING (S)(FBS002), CORD (N555AV	(:E,PX,MX)	△ CNP160	1 1-696-845-11	CORD, POWER (N555AV:AUS	,
				△ CNP160	1 1-751-522-11	CORD, POWER (N555AV:UK)	
* 155	A-4389-608-A	S.WOOFER BOARD, COMPLETE					
		(N555AV:E,AUS,	PX,MX,AR)	 ▲ F1601	1-532-506-31	FUSE, TIME LAG (6.3A 250V	, ,
				△F1602	1-532-506-31	FUSE, TIME LAG (6.3A 250V	, ,
* 155	A-4389-627 -A	S.WOOFER BOARD, COMPLETE		△ F1603	1-532-504-31	FUSE, TIME LAG (4A, 250V)(
			EP,UK,G,IT)	 ∆F1603	1-533-420-11	FUSE, GLASS CYLINDRICAL	, ,, ,
156	1-751-688-11	, ,,					(D670AV:US)
450	. === = =	(D670AV/N555AV:E,AUS,		△F1603	1-533-419-11	FUSE, GLASS CYLINDRICAL	, ,, ,
156	1-773-011-11	WIRE (FLAT TYPE)(15 CORE)(N555AV:A	EP,UK,G,II)				(D670AV:CND)
157	1-777-046-11						
158	1-765-338-11	WIRE (FLAT TYPE)(21 CORE)		▲F1604	1-532-465-31	FUSE, TIME LAG (3.15A 250)	
150	1 700 010 11	WIDE IELAT TUDEVIAL CODE		4.74004	4 400 000 44		JK,G,IT,E,AUS,PX,AR)
159	1-769-949-11			∆ T1601	1-429-338-11	TRANSFORMER, POWER (N	, , , , ,
160	1-590-578-11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	בטווא כידי	△ T1601	1-429-339-11	TRANSFORMER, POWER (D	o/UAV)
160	4 770 450 44	(D670AV/N555AV:A	Er,UK,G,II)	∆ T1601	1-429-340-11	TRANSFORMER, POWER	
UOI	1-773-153-11	WIRE (FLAT TYPE)(21 CORE)	DV MV AD)			(N555AV:E,AUS,PX,MX,AR)	
		(N555AV:E,AUS,	,ra,ivia,ak)	1			

6-5.TC MECHANISM SECTION 1 (TCM-220WR2E)



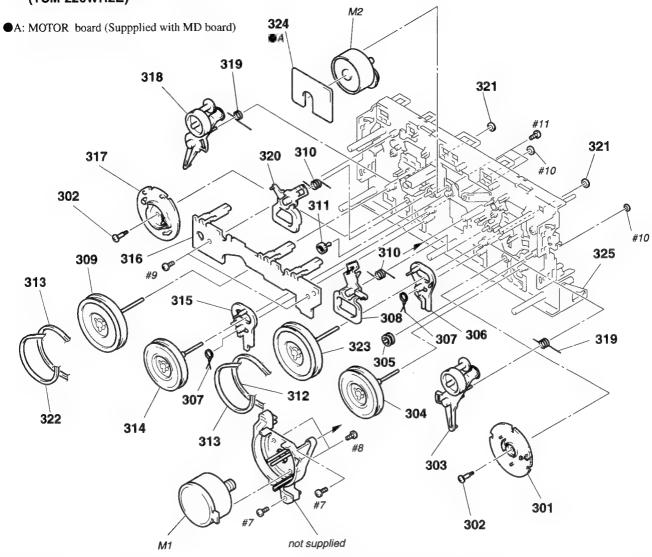
Ref. No.	Part No.	Description	<u>Remark</u>	Ref. No.	Part No.	Description	Remark
201	X-4943-776-1	HOLDER (L) ASSY, CASSETTE		* 206	3-908-611-01	FULCRUM, HOLDER	
202	X-4943-775-1	HOLDER (R) ASSY, CASSETTE		207	3-354-957-01	JOINT (LOCK LEVER)	
203	4-959-231-11	SPRING (L), TORSION		* 208	3-354-953-01	LEVER (LOCK LEVER L)	
204	4-959-232-11	SPRING (R), TORSION		* 209	3-354-954-01	LEVER (LOCK LEVER R)	
205	3-354-963-01	DAMPER				·	

6-6.TC MECHANISM SECTION 2 (TCM-220WR2E)



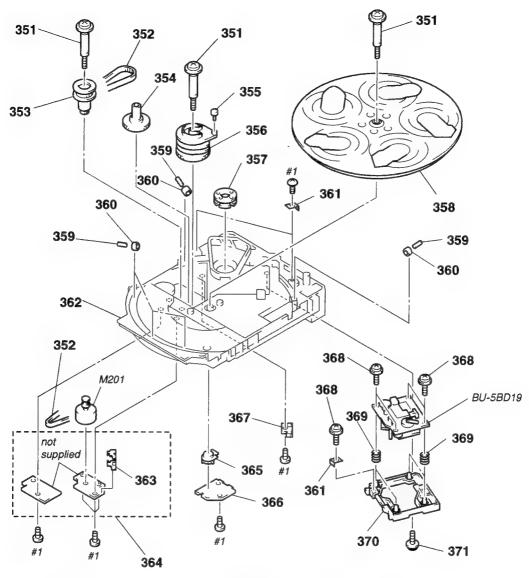
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
251 252	3-908-560-01 3-919-684-01			263 264	X-3367-588-1 3-908-613-01	PINCH LEVER (FWD) ASSY GEAR (S), REEL	
* 253 254	X-3367-584-2 3-908-556-01	SLIDER (HEAD) ASSY SPRING, HEAD TOGGLE		265	3-917-141-01	SPRING, COMPRESSION	
255	3-908-558-02	FITTING BLOCK, HEAD		266 267	X-3371-305-1 3-669-465-01	REEL (T) ASSY WASHER (1.5), STOPPER	
256	3-908-557-02			268			
* 257 258	3-908-559-01 3-908-555-01	+ · + · · · = · · · · · · · · · · · · ·		269 * 271	3-911-116-21 A-2007-435-A	RIVET, PUSH MD BOARD, COMPLETE	
259	3-917-143-11	,				ins some, com cere	
260	3-388-848-01	SCREW (P2X6)(B TIGHT)		272	3-930-972-01	DETENT, HALF	
261 262	3-911-113-01 X-3370-643-1	SPRING, TENSION PINCH LEVER (REV) ASSY		273 HP101 HRPE10	3-917-142-01 1-500-093-11 11-500-094-11	SPRING, COMPRESSION HEAD, MAGNETIC (PLAYBACK) HEAD, MAGNETIC (REC/PB/ERASE)	

6-7. TC MECHANISM SECTION 3 (TCM-220WR2E)



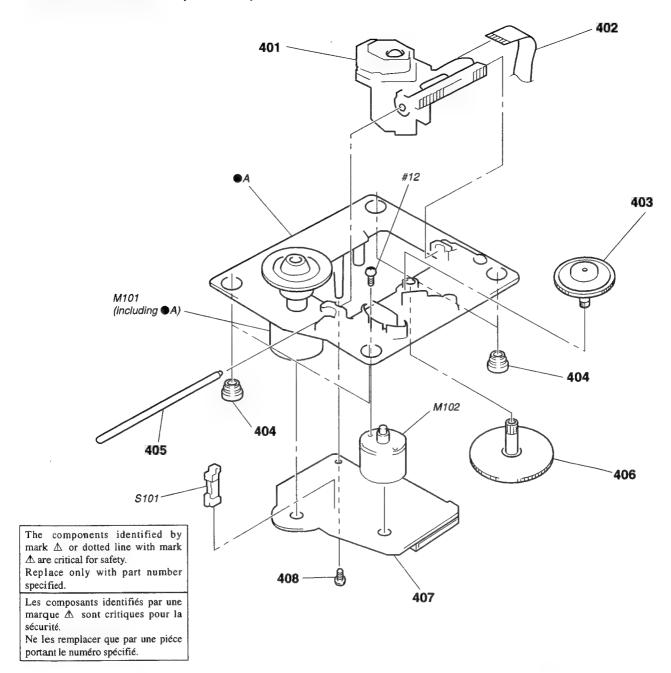
Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	<u>Remark</u>
301	3-908-597-01	CAM (A)		315	3-908-600-01	LEVER (REV-B)	
302	3-908-608-11	SCREW, STEP					
303	X-3367-590-2	ARM (A) ASSY, FR		* 316	1-650-669-11	LEAF SWITCH BOARD	
304	X-3370-169-1	FLYWHEEL (AR) ASSY		317	3-908-598-01	CAM (B)	
305	3-928-047-01	PULLEY, TENSION		318	X-3369-849-2	ARM (B) ASSY, FR	
		•		319	3-914-111-01	SPRING (FR), TORSION	
306	3-908-599-01	LEVER (REV-A)		320	3-908-604-01	LEVER (TRIGGER B)	
307	3-908-601-01	SPRING (REV LEVER), TORSION					
308	3-908-603-01	LEVER (TRIGGER A)		321	3-911-115-01	WASHER, STOPPER	
309	X-3370-170-1	FLYWHEEL (BF) ASSY		322	3-917-176-11	BELT (B)	
310	3-908-605-01	SPRING (TRIGGER), TORSION		323	X-3370-172-1	FLYWHEEL (AF) ASSY	
		,,		* 324	A-2007-435-A	MD BOARD, COMPLETE	
311	3-908-609-01	GEAR, TRIGGER		325	X-3371-441-1	CHASSIS ASSY, MECHANICAL	
312	3-913-845-11	BELT (A)					
313	3-913-846-11	BELT (FR)		M1	X-3371-223-1	MOTOR ASSY (CAPSTAN)	
314	X-3370-171-1	FLYWHEEL (BR) ASSY		M2	A-2004-410-A	MOTOR ASSY (TRIGGER)	

6-8. CD MECHANISM SECTION (CDM37-5BD19)



Ref. No.	Part No.	Description	Remark	Ref. N	o. Part No.	Description	Remark
351	4-978-423-01	SCREW, STEP		* 362	4-978-418-01	CHASSIS	
352	4-944-490-01	BELT (TIMING)		* 363	4-980-385-01	HOLDER (SW)	
353	A-4660-978-A	GEAR (PULLEY) ASSY		* 364	A-4673-765-A	CD MOTOR BOARD, COMPLETE	
354	4-978-421-01	GEAR (MID)	İ	365	4-978-426-01	INDICATOR (NO.)	
355	4-978-425-01	ROLLER (CAM)					
		, ,		* 366	1-659-059-13	LED BOARD	
356	4-978-420-01	CAM (HOLDER)		367	1-659-058-13	TABLE SENSOR BOARD	
* 357		MAGNET		368	4-933-134-01	SCREW (+PTPWH M2.6X6)	
358	4-978-417-01	TABLE, DISC		369	4-958-593-01	SPRING (BU), COMPRESSION	
359	4-934-376-01	SHAFT (ROLLER)		* 370	4-978-419-01	HOLDER (BU-5)	
360	X-4924-457-1	ROLLER ASSY					
				371	4-917-583-71	BRACKET, YOKE	
* 361	4-978-583-01	BRACKET (BU)		M20	1 A-4660-977-A	MOTOR ASSY (TABLE)	

6-9. BASE UNIT SECTION (BU-5BD19)



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
	1-769-069-11 4-917-567-01 4-951-940-01 4-917-565-01	INSULATOR (BU)		* 407 408 M101 M102 S101	4-951-620-01 X-4917-523-4 X-4917-504-1	BD BOARD, COMPLETE SCREW (2.6X8), +BVTP MOTOR ASSY (SPINDLE) MOTOR ASSY (SLED) SWITCH, LEAF (LIMIT)	

BD

SECTION 7 ELECTRICAL PARTS LIST

Note:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque Δ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- RESISTORS

All resistors are in ohms METAL: Metal-film resistor

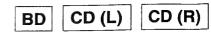
METAL OXIDE: Metal Oxide-film resistor

F: nonflammable

- SEMICONDUCTORS
 In each case, u: μ, for example:
 uA...: μ A..., uPA...: μ PA..., uPB...: μ PB...,
 uPC...: μ PC..., uPD...: μ PD...
- CAPACITORS uF: μF
- COILS uH : µ H
- Abbreviation CND: Canadian model

G: German model
IT: Italian model
MX: Mexican model
AUS: Australian model
AR: Argentine

marrio.								AR . Argentin	~		
Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
*	A-4673-402-A	BD BOARD, COMF				C142	1-163-038-91	CERAMIC CHIP	0.1uF		25V
		ate the when the day day day day day day day day day	* * * *			C145	1-135-201-11	TANTALUM CHIP	10uF	20%	4V
		< CAPACITOR >				C146	1-135-201-11	TANTALUM CHIF	10uF	20%	4V
						C147		CERAMIC CHIP		5%	50V
C101		ELECT CHIP	47uF	20%		C148		CERAMIC CHIP	0.001uF	5%	50V
C102	1-163-275-11	CERAMIC CHIP	0.001uF	5%	50V	C149	1-164-346-11	CERAMIC CHIP	1uF		16V
C103		CERAMIC CHIP	1uF		16V						
C105		CERAMIC CHIP	0.1uF		25V	C153		TANTAL. CHIP	10uF		6.3V
C106	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V	C154	1-163-235-11	CERAMIC CHIP	22PF	5%	50V
C107		CERAMIC CHIP	0.0022uF	5%	50V			< CONNECTOR >			
C108		CERAMIC CHIP	0.01uF		50V						
C109		CERAMIC CHIP	0.01uF		50V	1		CONNECTOR, FFC			
C110		CERAMIC CHIP		10%		CNU102	1-770-013-11	CONNECTOR, FFC	/FPC 19P		
C111	1-163-038-91	CERAMIC CHIP	0.1uF		25V						
0440	4 400 000 04	OFDALMO OUID	0.4		0517			< IC >			
C112		CERAMIC CHIP	0.1uF	E0/	25V	10101	0 750 000 50	IC CXA1782BQ			
C113 C114		CERAMIC CHIP	0.0022uF 0.47uF	3 %	50V 25V	IC101 IC102		IC BA6397FP			
C114		ELECT CHIP	47uF	20%		IC102		IC CXD2507AQ			
C116		CERAMIC CHIP	0.0039uF			IC103		IC PCM1710U-B			
0110	1-103-010-00	OLIMNIO OIII	0.000341	10 70	J0 V	10104	0 733 100 23	10 1 014117 100-0			
C117	1-164-005-11	CERAMIC CHIP	0.47uF		25V			< MOTOR >			
C118	1-107-823-11	CERAMIC CHIP	0.47uF	10%	16V						
C119	1-163-038-91	CERAMIC CHIP	0.1uF		25V	M101	X-4917-523-4	MOTOR ASSY (SP	INDLE)		
C120	1-135-201-11	TANTALUM CHIP	10uF	20%	4V	M102	X-4917-504-1	MOTOR ASSY (SL	ED)		
C121	1-163-038-91	CERAMIC CHIP	0.1uF		25V						
								< TRANSISTOR >			
C122		CERAMIC CHIP	0.01uF		50V						
C123		CERAMIC CHIP	0.1uF	0001	25V	Q101		TRANSISTOR MS			
C124		ELECT CHIP	47uF	20%		Q102		TRANSISTOR UN			
C125		CERAMIC CHIP	0.01uF		50V	Q103	8-729-421-22	TRANSISTOR UN	12211		
C126	1-163-038-91	CERAMIC CHIP	0.1uF		25V			< RESISTOR >			
C127	1-164-695-11	CERAMIC CHIP	0.0022uF	5%	50V			< hLois fun >			
C128		CERAMIC CHIP	560PF	5%	50V	R102	1-216-001-00	METAL CHIP	10	5%	1/10W
C129		CERAMIC CHIP	0.1uF	• / -	25V	R103		METAL GLAZE	1K	5%	1/10W
C130		CERAMIC CHIP	0.33uF		25V	R104		METAL GLAZE	100K	5%	1/10W
C131		CERAMIC CHIP	0.1uF		25V	R105		METAL CHIP	68K	5%	1/10W
						R106	1-216-093-00	METAL CHIP	68K	5%	1/10W
C132	1-163-037-11	CERAMIC CHIP	0.022uF	10%	25V						
C133		CERAMIC CHIP	0.0015uF	5%	50V	R107		METAL CHIP	68K	5%	1/1 0W
C134		CERAMIC CHIP	1uF		16V	R108	1-216-093-00	METAL CHIP	68K	5%	1/10 W
C135		CERAMIC CHIP	100PF	5%	50V	R109		METAL GLAZE	100K	5%	1/10W
C136	1-164-005-11	CERAMIC CHIP	0.47uF		25V	R112		METAL CHIP	27K	5%	1/10W
0						R113	1-216-083-00	METAL CHIP	27K	5%	1/10W
C137		CERAMIC CHIP	0.01uF		50V						
C139		CERAMIC CHIP	22PF	5%	50V	R114		METAL CHIP	150K	5%	1/10W
C140		CERAMIC CHIP	22PF	5%	50V	R115		METAL CHIP	150K	5%	1/10W
C141	1-163-038-91	CERAMIC CHIP	0.1uF		25V	R116	1-216-067-00	METAL CHIP	3.3K	5%	1/10W
					_						



Ref. No.	Part No.	Description				Remark	Ref. No.	Part No.	Descripti	<u>on</u>			Rem	nark
		-	_	0.01/	F0/				. VIDDA	TOD				
R117 R118	1-216-069-00 1-216-049-91			6.8K 1K	5% 5%	1/10W 1/10W			< VIBRA					
							X101	1-579-280-11	VIBRATO	OR, CRYS	TAL (16.93	44MHz)		
R119	1-216-089-91			47K	5%	1/10W		******	***	ate also also also also also also also	*****	*****	******	***
R120	1-216-089-91			47K	5%	1/10W	*******	der televider der der aller alle		4-1-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4				
R121	1-216-114-00			510K	5%	1/10W 1/10W	*	1-659-404-11	CD (L) B	MARD				
R122	1-216-097-91			100K	5%	1/10W	-	1-039-404-11	******					
R123	1-216-099-00	METAL CHI	P	120K	5%	1/1044								
R124	1-216-091-00	METAL CHI	Р	56K	5%	1/10W			< CONN	ECTOR >				
R125	1-216-069-00	METAL CHI	Р	6.8K	5%	1/10W								
R126	1-216-063-91	METAL GLA	VΖΕ	3.9K	5%	1/10W	* CN515	1-568-944-11	PIN, COI	NNECTOR	6P			
R127	1-216-089-91			47K	5%	1/1 0W								
R128	1-216-105-91	METAL GLA	ZΕ	220K	5%	1/10W			< DIODE	>				
R129	1-216-049-91	METAL GLA	7F	1K	5%	1/10W	D638	8-719-057-09	DIODE	LNJ801LI	PDJA (CLII	P C)		
R130	1-216-079-00			18K	5%	1/10W	D639	8-719-057-09						
R131	1-216-079-00			18K	5%	1/10W	D640	8-719-057-09			PDJA (CLII			
R132	1-216-061-00			3.3K	5%	1/10W					•	•		
R133	1-216-061-00			3.3K	5%	1/10W			< RESIS	TOR >				
												E0/	4 / 4141	
R134	1-216-065-00			4.7K	5%	1/10W	R568	1-247-815-91	CARBON	-	220	5%	1/4W	
R135	1-216-065-00			4.7K	5%	1/10W	R569	1-249-411-11			330	5%	1/4W	-
R136	1-216-073-00			10K	5%	1/1 0W	R570	1-249-413-11			470	5%	1/4W	F
R137	1-216-065-00			4.7K	5%	1/1 0W	R571	1-249-415-11			680	5%	1/4W	F
R138	1-216-049 - 91	METAL GLA	ΙZΕ	1K	5%	1/1 0W	R572	1-249-417-11	CARBON	ı	1K	5%	1/4W	F
R139	1-216-033-00	METAL CHI	P	220	5%	1/10W	R573	1-249-419-11	CARBON	ı	1.5K	5%	1/4W	F
R140	1-216-081-00			22K	5%	1/1 0W	R574	1-249-421-11			2.2K	5%	1/4W	F
R141	1-216-061-00			3.3K	5%	1/10W	R575	1-249-423-11	CARBON	Į	3.3K	5%	1/4W	F
R142	1-216-061-00	METAL CHI	P	3.3K	5%	1/10W	R576	1-249-427-11	CARBON	i	6.8K	5%	1/4W	F
R143	1-216-121-91	METAL GLA	ZE	1M	5%	1/10W	R577	1-249-431-11	CARBON	1	15K	5%	1/4W	
D4.4.4	4 040 070 00	NACTAL OU	D.	101/	5%	1/10W			< SWITC	`H <				
R144	1-216-073-00			10K 100K	5%	1/10W			\ 01111C	,,,,				
R145	1-216-097-91 1-216-097-91			100K	5% 5%	1/10W	S569	1-554-303-21	SWITCH	TACTILE	(CLIP C)			
R146 R147	1-216-049-91			1K	5%	1/10W	S570	1-554-303-21						
R147	1-216-049-91			1K	5%	1/10W	S571	1-554-303-21						
11140	1-210-043-31	WILTAL GEA	121	110	0 /0	17 10 11	S572	1-554-303-21				MUSIC C	LIP)	
R149	1-216-049-91	METAL GLA	7F	1K	5%	1/10W	S573	1-554-303-21			(PLAY M			
R150	1-216-037-00			330	5%	1/10W					•			
R151	1-216-037-00			330	5%	1/10W	S574	1-554-303-21						
R152	1-216-037-00			330	5%	1/10W	S575	1-554-303-21	SWITCH	I, TACTILE	(DISC 2 [DISC SEL	ECT)	
R153	1-216-082-00			24K	5%	1/10W	S576	1-554-303-21	SWITCH	I, TACTILE	(DISC 3 [DISC SEL	.ECT)	
							S577	1-554-303-21	SWITCH	I, TACTILE	(DISC 4 [DISC SEL	ECT)	
R154	1-216-065-00	METAL CHI	Р	4.7K	5%	1/10W	S578	1-554-303-21	SWITCH	I, TACTILE	(DISC 5 [DISC SEL	ECT)	
R156	1-216-085-00			33K	5%	1/10W								
R157	1-216-069-00			6.8K	5%	1/10W	*****	*******	******	******	******	*****	*****	***
R158	1-216-001-00			10	5%	1/10W								
							*	1-659-409-11	CD (R) I					
		< VARIABLE	RESIS	TOR >					*******	de also also also also also				
RV101	1-241-396-11	RES. ADJ. M	ETAL	GLAZE 22	K				< CONN	ECTOR >				
	1-241-396-11													
RV103							CN514	1-568-936-11	PIN, CO	NNECTOR	9P			
		< SWITCH >							< D10D8	>				
		< 044110U >							1000					
S101	1-572-085-11	SWITCH, LE	AF (LII	VIIT)			D603	8-719-058-03						
							D604	8-719-058-03						
							D636	8-719-058-17	DIODE	LNJ401N	14.17 (00)			

CD (R) CD JOG CD LED CD MOTOR DOOR SW

Ref. No.	Part No.	Description			Rer	nark	Ref. No.	Part No.	Description			Rem	<u>ark</u>
D637	8-719-057-09	DIODE LNJ801LP < RESISTOR >	0 PLAY)			D3152 D3153 D3154	8-719-058-19	DIODE HLMF-K4 DIODE HLMF-K4 DIODE HLMF-K3					
R553 R554 R555	1-249-411-11 1-249-413-11 1-249-415-11	CARBON	330 470 680	5% 5% 5%	1/4W 1/4W 1/4W	F			< RESISTOR >				
R556 R557	1-249-417-11 1-249-419-11	CARBON	1K 1.5K	5% 5%	1/4W 1/4W	F	R3151	1-249-412-11	CARBON	390	5%	1/4 W	F
R678	1-247-815-91	CARBON	220	5%	1/4W		******	******	*******	******	*****	*****	***
R680	1-247-815-91	CARBON	220	5%	1/4W		*	A-4673-765-A	CD MOTOR BOAR				
		< SWITCH >					*	4-980-385-01	HOLDER (SW)				
S554 S555	1-554-303-21	SWITCH, TACTILE SWITCH, TACTILE	(< CAPACITOR >				
S556 S557 S558	1-554-303-21	SWITCH, TACTILE SWITCH, TACTILE SWITCH, TACTILE	(DISC SK				C201 C202 C203	1-124-907-11 1-164-159-21 1-124-907-11	CERAMIC	10uF 0.1uF 10uF	20% 20%	50V 50V 50V	
******	******	******	******	******	*****	****	0200		< CONNECTOR >				
*	1-659-405-11	CD JOG BOARD					* CN201		PIN, CONNECTOR	9P			
		< CAPACITOR >					OILE O	7 000 0 17 11	< IC >	. 01			
C515	1-162-306-11	CERAMIC	0.01uF	30%	16V		IC201	8-759-365-94	IC TA8409S				
C516	1-162-306-11		0.01uF		16V				< COIL >				
		< CONNECTOR >					L201	1-408-117-00	INDUCTOR 10uH				
* CN518	1-568-942-11	PIN, CONNECTOR	4P						< MOTOR >				
		< RESISTOR >					M201	A_4660_077_A	MOTOR ASSY (TA	BIE/			
R558	1-249-421-11		2.2K	5%	1/4W	F	IVIZUT	A-4000-377-A	•	ioll)			
R559 R560	1-249-423-11 1-249-427-11	CARBON	3.3K 6.8K	5% 5%	1/4W 1/4W	F F	2005	1 040 407 44	< RESISTOR >	C 01/	50/	4/414/	r
R561	1-249-431-11		15K	5%	1/4W		R205 R206	1-249-427-11 1-249-425-11		6.8K 4.7K	5% 5%	1/4W 1/4W	F F
		< SWITCH >							< SWITCH >				
S502 S559	1-554-303-21	ENCODER, ROTAF SWITCH, TACTILE	(PROGRA	AM)	4)		S201	1-762-587-11	SWITCH, PUSH (1	KEY)(UP)			
S560 S561		SWITCH, TACTILE SWITCH, TACTILE					*****	******	*****	******	*****	****	***
\$562 ******		SWITCH, TACTILE	·	•	*****	****	*	1-659-408-11 DOOR SW BOARD ************************************					
*	1-659-406-11	CD LED BOARD							< CAPACITOR >				
		*****					C591	1-164-159-21	CERAMIC	0.1uF		50V	
		< CONNECTOR >							< CONNECTOR >				
CN516	1-506-481-11	PIN, CONNECTOR	2P				* CN519	1-506-481-11	PIN, CONNECTOR	2P			
		< DIODE >											
D3151	8-719-057-40	DIODE HLMF-K3	05-2UL (5	(CD)									

DOOR SW | HP | LEAF SWITCH | LED | MAIN

Ref. No.	Part No.	Description			Re	<u>emark</u>	Ref. No.	Part No.	<u>Description</u>			Remark	
		< SWITCH >					*	1-659-059-13					
S591	1-572-126-11	SWITCH, PUSH (1	KEY\/♠	OPEN)					******				
									< DIODE >				
******	******	*******	*****	******	*****	****	D201	0.710.022.00	DIODE SEL5820	A (DISC N	0.)		
*	1-659-411-11	HP BOARD ******							< TRANSISTOR >				
		< CAPACITOR >					Q201	8-729-119-78	TRANSISTOR 28	SC2785-HF	'E		
		< GAPACITOR >							< RESISTOR >				
C621	1-162-294-31	CERAMIC	1000PF		50V	V C IT	D004	1-247-863-91	CARRON	22K	5%	1/4W	
C622	1-162-294-31	CERAMIC	1000PF	(N555AV	50V	K,G,II)	R201 R202	1-249-411-11		330	5%	1/4W	
0022			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(N555AV		K,G,łT)	R203	1-249-437-11	CARBON	47K	5%	1/4W	
C623	1-164-159-21		0.1uF		50V 50V		****	*****	*******	*****	*****	*****	
C624	1-164-159-21	CERAMIC	0.1uF		DUV								
		< JACK >					*	A-4389-602-A	MAIN BOARD, CO				
J601	1-569-113-11	JACK, LARGE TYP	E (PHON	ES)			*	Δ-4389-615-Δ	MAIN BOARD, CO	MPLETE (N555AV:	E.MX.AR)	
******	******	******	*****	******	*****	****		71 4000 010 71	*****				
									***************	AADLETE /	NICECALL.	VEDTIN)	
*	1-650-669-11	LEAF SWITCH BO					*	A-4389-622-A	MAIN BOARD, CC				
		< CONNECTOR >	ga en en				*	A-4389-894-A	MAIN BOARD, CO	MPLETE (N555AV:	AUS.PX)	
		COMMEDIAN						,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	*****				
* CN100	1 1-568-854-11	SOCKET, CONNEC	TOR 11P				*	V-430U-U1U-V	MAIN BOARD, CO	MPLETE (N555AV	G.IT)	
		< TRANSISTOR >						A-4000 010 A	******				
Q1001	8-749-010-90	010-90 TRANSISTOR PHOTO REFLECTOR NJL5165KA-H2						7-685-646-79	SCREW +BVTP 3X8 TYPE2 N-S				
Q1001								, 555 515 15					
		DECICTOR							< CAPACITOR >				
		< RESISTOR >					C201	1-124-925-11	ELECT	2.2uF	20%	100V	
R1001	1-247-818-11	CARBON	300	5%	1/4W	ĺ	C202	1-130-479-00	MYLAR	0.0047		50V	
R1002			360	5%	1/4W		C203	1-126-925-11		470uF	20%		
R1003			560	5%	1/4W		C211 C212	1-124-925-11 1-130-479-00		2.2uF 0.0047u	20% E 5%	100V 50V	
R1004 R1005			1.3K 300	5% 5%	1/4 W		6212	1-130-4/9-00	WITLAN	0.00470	11 370	001	
11:003	1-247-010-11	OANDON	500	070	1,74	•	C250	1-162-306-11	CERAMIC	0.01uF		16V	
		< SWITCH >					C251	1-164-035-11	CERAMIC	47PF	(NOODA) 5%	/:AEP,UK,G,IT) 50V	
S1001	1-692-832-11	SWITCH, PUSH (1	KEY)(A	PLAY)			0201	1 104 000 11	02.17.41110		(N555A\	/:AEP,UK,G,IT)	
S1002	1-692-832-11	SWITCH, PUSH (1	KEY)(B				C252	1-102-527-11	CERAMIC	82PF	5%	50V	
S1003		SWITCH, LEAF (A					C253	1-162-291-31	CERAMIC	560PF		V:AEP,UK,G,IT) 50V	
S1004 S1005		SWITCH, LEAF (A SWITCH, LEAF (R					0233	1-102-291-31	CENAMIC	30011		/:AEP,UK,G,IT)	
31000	1-911-201-21	Official, ELAI (III					C254	1-162-306-11	CERAMIC	0.01uF	20%	16V	
S1006		SWITCH, LEAF (B									(N555A)	V:AEP,UK,G,IT)	
\$1008		SWITCH, LEAF (B					C255	1-162-288-31	CERAMIC	330PF	10%	50V	
S1009	1-0/1-201-21	SWITCH, LEAF (R	LU D)				0233	1 104-200-01	OEI WHITE	55011		V:AEP,UK,G,IT)	
*****	*******	******	******	*****	*****	*****	C256	1-124-925-11	ELECT	2.2uF		100V v:AEP,UK,G,IT)	
							C257	1-126-964-11	ELECT	10uF	20%	50V	
											(N555A)	v:AEP,UK,G,IT)	

MAIN

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
C258	1-162-291-31	CERAMIC	560PF	10%	50V	C807	1-130-473-00	MYLAR	0.0015uF	5%	50V
			(N555AV:	AEP,UK,G,IT)	C808	1-126-956-91	ELECT	0.1uF	20%	50V
C259	1-126-964-11	ELECT	10uF	20%	50V	C809	1-126-967-11	ELECT	47uF	20%	10V
			(N555AV:	AEP,UK,G,IT)						
						C810	1-162-306-11	CERAMIC	0.01uF	30%	16V
C260	1-164-159-21	CERAMIC	0.1uF		50V	C811	1-162-306-11	CERAMIC	0.01uF	30%	16V
			(N555AV:	AEP,UK,G,IT)	C812	1-162-306-11	CERAMIC	0.01uF	30%	16V
C261	1-126-967-11	ELECT	47uF	20%	16V	C813	1-162-306-11	CERAMIC	0.01uF	30%	16V
					AEP,UK,G,IT)	C814	1-162-306-11	CERAMIC	0.01uF	30%	16V
C263	1-162-294-31	CERAMIC	0.001uF	10%	50V						
C301	1-130-479-00	MYLAR	0.0047uF	5%	50V	C821	1-162-286 - 21	CERAMIC	220PF	10%	50V
C302	1-162-290-31	CERAMIC	470PF	10%	50V	C825	1-109-889-11		1uF	20%	50V
						C827	1-162-306-11		0.01uF	30%	16V
C303	1-136-165-00	FILM	0.1uF	5%	50V	C828	1-162-306-11		0.01uF	30%	16V
			•		AEP,UK,G,IT)	C829	1-162-292-31	CERAMIC	680PF	10%	50V
C305	1-124-903-11		1uF	20%	50V						
C306	1-124-902-00		0.47uF	20%	50V	C830	1-126-964-11		10uF	20%	50V
C307	1-126-964-11		10uF	20%	50V	C831	1-162-286-21		220PF	10%	50V
C308	1-126-964-11	ELECT	10uF	20%	50V	C850	1-162-306-11		0.01uF	30%	16V
						C851	1-162-288-31		330PF	10%	50V
C309	1-124-903-11		1uF	20%	50V	C853	1-162-282-31	CERAMIC	100PF	10%	50V
C310	1-126-933-11		100uF	20%	10V						
C351	1-130-479-00		0.0047uF		50V	C854	1-162-282-31		100PF	10%	50V
C352	1-162-290-31		470PF	10%	50V	C855	1-126-963-11	ELECT	4.7uF	20%	50V
C353	1-136-165-00	FILM	0.1uF	5%	50V						AEP,UK,G,IT)
			(D670AV/I	N555AV:	AEP,UK,G,IT)	C855	1-124-925-11	ELECT	2.2uF		100V
											S,PX,MX,AR)
C355	1-124-903-11		1uF	20%	50V	C856	1-130-479-00		0.0047uF		50V
C356	1-124-902-00		0.47uF	20%	50V	C857	1-130-473-00	MYLAR	0.0015uF	5%	50V
C357	1-126-964-11		10uF	20%	50V						
C358	1-126-964-11		10uF	20%	50V	C858	1-126-956-91		0.1uF	20%	50V
C359	1-124-903-11	ELECT	1uF	20%	50V	C859	1-126-967-11		47uF	20%	10V
					4.00.4	C864	1-162-306-11		0.01uF	30%	16V
C360	1-126-933-11		100uF	20%	10V	C871	1-162-286-21		220PF	10%	50V
C401	1-164-159-21		0.1นF		50V	C875	1-162-294-31	CERAMIC	0.001uF	10%	50V
C402	1-164-159-21		0.1uF		50V				(N555A	V:E,AU	S,PX,MX,AR)
C403	1-164-159-21		0.1uF	000/	50V	0004	1 104 104 14	CI COT	0.00	000/	501/
C404	1-126-933-11	ELECT	100uF	20%	16V	C901	1-124-464-11		0.22uF	20%	50V
0701	4 400 000 04	CEDARAGE	400DF	100/	50V	C902	1-124-464-11		0.22uF	20%	50V
C701	1-162-282-31		100PF 1000uF	10% 20%	10V	C903	1-136-495-11		0.068uF	5% 5%	50V 50V
C702 C703	1-126-926-11 1-126-964-11		1000ur 10uF	20%	50V	C904 C905	1-136-495-11 1-136-156-00		0.068uF 0.018uF	5%	50V 50V
C703	1-126-964-11		0.1uF	5%	50V	C905	1-130-130-00	LICIA	0.0100	J 70	30 V
C705	1-136-165-00		0.1uF	5%	50V	C906	1-136-156-00	EII NA	0.018uF	5%	50V
0/03	1-100-100-00	(I LIVI	U. Tut	J /0	JU V	C906	1-130-130-00		0.016uF		50V 50V
C706	1-126-965-11	FLECT	22uF	20%	50V	C908	1-130-479-00		0.0030uF	5%	50V
C707	1-162-204-31		16PF	5%	50V	C909	1-130-474-00		0.0047 ut		50V
C708	1-162-204-31		16PF	5%	50V	C910	1-126-964-11		10uF	20%	50V
C710	1-164-159-21		0.1uF	0 70	50V	00.0	1 120 304 11	LLLOI	1041	2070	001
C711	1-164-159-21		0.1uF		50V	C911	1-126-964-11	ELECT	10uF	20%	50V
	, 10, 100 E1	J2111 117110	3.761			C912	1-136-169-00		0.22uF	5%	50V
C715	1-162-294-31	CERAMIC	0.001uF	10%	50V	C913	1-136-169-00		0.22uF	5%	50V
C801	1-162-288-31		330PF	10%		C914	1-126-964-11		10uF	20%	50V
C803	1-162-282-31		100PF	10%		C915	1-136-154-00		0.012uF	5%	50V
C804	1-162-282-31		100PF	10%	50V			———		•	
C805	1-126-963-11		4.7uF	20%		C930	1-136-167-00	FILM	0.15uF	5%	50V
-					AEP,UK,G,IT)	C931	1-130-471-00		0.001uF	5%	50V
					,	C934	1-126-933-11		100uF	20%	10V
C805	1-124-925-11	ELECT	2.2uF	20%	100V	C935	1-164-159-21		0.1uF		50V
				AV:E,AU	S,PX,MX,AR)	C937	1-126-964-11		10uF	20%	50V
C806	1-130-479-00	MYLAR	0.0047uF	5%	50V						

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
0000	1 100 000 01	OFDANIO	22005	100/	50V	C1103	1-126-962-11	ELECT	3.3uF	20%	50V
C938	1-162-286-21	CERAMIC CERAMIC	220PF 0.01uF	10% 30%	16V	C1103	1-126-962-11	ELECT	3.3uF	20%	50V
C939	1-162-306-11 1-162-306-11		0.01uF	30%	16V	C1104	1-136-167-00		0.15uF	5%	50V
C941	1-102-300-11		100uF	20%	10V 10V	C1105	1-136-167-00		0.15uF	5%	50V
C942	1-162-306-11		0.01uF	30%	16V	01100	1-130-107-00	I ILIM ,	0.1001	0 /0	
C943	1-102-300-11	CENAIMIC	0.0101	30 /0	104	C1107	1-126-963-11	FLECT	4.7uF	20%	50V
C944	1-126-964-11	ELECT	10uF	20%	50V	C1108	1-126-963-11	ELECT	4.7uF	20%	50V
C945	1-126-964-11	ELECT	10uF	20%	50V	C1109	1-124-902-00		0.47uF	20%	50V
C943	1-162-306-11	CERAMIC	0.01uF	30%	16V	C1110	1-124-902-00		0.47uF	20%	50V
C948	1-126-964-11		10uF	20%	50V	C1111	1-126-963-11		4.7uF	20%	50V
C951	1-124-464-11	ELECT	0.22uF	20%	50V	01111	1 120 000 11				
0901	1-124-404-11	ELLOT	0.2241	20 /0	304	C1112	1-126-963-11	ELECT	4.7uF	20%	50V
C952	1-124-464-11	ELECT	0.22uF	20%	50V	C1113	1-124-902-00		0.47uF	20%	50V
C953	1-136-495-11	FILM	0.068uF	5%	50V	C1114	1-124-902-00		0.47uF	20%	50V
C954	1-136-495-11	FILM	0.068uF	5%	50V	C1115	1-136-165-00		0.1uF	5%	50V
C955	1-136-156-00	FILM	0.018uF	5%	50V	C1116	1-136-165-00		0.1uF	5%	50V
C956	1-136-156-00	FILM	0.018uF	5%	50V						
0000	1 100 100 00	1 1 100 1 10 1	0,01041	0,10		C1117	1-136-165-00	FILM	0.1uF	5%	50V
C957	1-130-480-00	MYLAR	0.0056uF	5%	50V	C1118	1-136-165-00		0.1uF	5%	50V
C958	1-130-479-00	MYLAR	0.0047uF	5%	50V	C1119	1-126-964-11		10uF	20%	50V
C959	1-130-474-00	MYLAR	0.0018uF	5%	50V	C1120	1-126-964-11	ELECT	10uF	20%	50V
C960	1-126-964-11	ELECT	10uF	20%	50V	C1121	1-126-923-11		220uF	20%	10V
C961	1-126-964-11	ELECT	10uF	20%	50V						
						C1122	1-126-964-11	ELECT	10uF	20%	50V
C962	1-136-169-00	FILM	0.22uF	5%	50V	C1123	1-126-964-11	ELECT	10uF	20%	50V
C963	1-136-169-00	FILM	0.22uF	5%	50V	C1124	1-126-964-11	ELECT	10uF	20%	50V
C964	1-126-964-11	ELECT	10uF	20%	50V	C1125	1-126-964-11		10uF	20%	50V
C965	1-136-154-00	FILM	0.012uF	5%	50V	C1126	1-126-923-11	ELECT	220uF	20%	10V
C1001	1-126-969-11	ELECT	6800uF	20%	25V						
						C1127	1-136-161-00	FILM	0.047uF	5%	50V
C1002	1-126-943-11	ELECT	2200uF	20%	25V	C1128	1-136-157-00		0.022uF	5%	50V
C1004	1-126-925-11	ELECT	470uF	20%	10V	C1129	1-162-292-31	CERAMIC	680PF	10%	50V
C1005	1-126-964-11	ELECT	10uF	20%	50V	C1130	1-126-933-11	ELECT	100uF	20%	10V
C1006	1-126-933-11	ELECT	100uF	20%	10V	C1131	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1007	1-126-933-11	ELECT	100uF	20%	10V						501/
						C1132	1-126-964-11	ELECT	10uF	20%	50V
C1008	1-126-952-11	ELECT	1000uF	20%	16V	C1133	1-136-173-00	FILM	0.47uF	5%	50V
C1009	1-162-294-31	CERAMIC	0.001uF	10%	50V	C1134	1-104-664-11	ELECT	47uF	20%	25V
C1010	1-164-159-21	CERAMIC	0.1uF		50V	C1135	1-130-467-00		470PF	5%	50V
C1011	1-164-159-21	CERAMIC	0.1uF		50V	C1136	1-130-467-00	MYLAR	470PF	5%	50V
C1012	1-126-964-11	ELECT	10uF	20%	50V	04407	4 400 000 44	CEDARAIO	0.01uF	30%	16V
01010	4 400 040 44	FLEOT	4000 5	000/	0.014	C1137	1-162-306-11	CERAMIC	0.01uF	30%	16V
C1013	1-126-916-11		1000uF	20%	6.3V	C1138	1-162-306-11 1-126-964-11	CERAMIC	10uF	20%	50V
C1014	1-164-159-21		0.1uF		50V	C1141 C1142	1-136-159-00		0.033uF	5%	50V
C1015	1-164-159-21		0.1uF 470uF	200/	50V 10V	C1142	1-162-306-11		0.033ti	30%	16V
C1016	1-126-925-11			20%	10V 10V	61143	1-102-300-11	GENAIVIIG	0.0101	30 /0	,00
C1017	1-126-925-11	ELECT	470uF	20%	100	C1144	1-126-933-11	FLECT	100uF	20%	10V
C1018	1-126-943-11	ELECT	2200uF	20%	25V	C1145	1-124-925-11		2.2uF	20%	100V
C1018	1-126-943-11		220uF	20%	16V	C1146	1-162-286-21		220PF	10%	50V
C1019	1-126-934-11		47uF	20%	35V	C1147	1-162-306-11		0.01uF	30%	16V
C1020	1-162-294-31		1000PF	10%	50V	C1148	1-126-923-11		220uF	20%	10V
C1022	1-126-969-11		220uF	20%	50V	01140	1 120 020 11	LLLO	22001	20,0	
01022	1-140-303-11	LLLUI	rroui	£U /0	30 V	C1149	1-136-159-00	FILM	0.033uF	5%	50V
C1023	1-126-969-11	FLECT	220uF	20%	50V	C1150	1-130-473-00		0.0015uF	5%	50V
C1023	1-126-964-11		10uF	20%	50V	C1151	1-136-159-00		0.033uF	5%	50V
C1024	1-126-964-11		10uF	20%	50V	C1152	1-124-903-11		1uF	20%	50V
C1026	1-126-952-11		1000uF	20%	16V	C1153	1-126-923-11		220uF	20%	10V
C1101	1-136-167-00		0.15uF	5%	50V	01100					
-1101	, ,55 ,67 00		5501	-,-	3.	C1154	1-126-964-11	ELECT	10uF	20%	50V
C1102	1-136-167-00	FILM	0.15uF	5%	50V	C1155	1-126-964-11		10uF	20%	50V

B	ef. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	Remark	
	C1156	1-126-964-11	ELECT	10uF	20%	50V	D711	8-719-200-82	DIODE 11E	S2	
	C1157	1-162-306-11	CERAMIC	0.01uF	30%		D901	8-719-987-63	DIODE 1N4	148M	
	C1158	1-162-286-21		220PF	10%		D902	8-719-987-63			
							D1001	8-719-200-82			
	C1160	1-126-964-11	ELECT	10uF	20%	50V				_	
	C1161	1-162-294-31		0.001uF	10%		D1002	8-719-200-82	DIODE 11E	S2	
	C1162	1-126-964-11		10uF	20%		D1003	8-719-028-23			
	C1163	1-162-294-31		0.001uF	10%		D1007	8-719-987-63			
	C1164	1-126-964-11		10uF	20%		D1008	8-719-001-43			
	01104	1 120 004 71		Tout	2070	001	D1009	8-719-987-63			
	C1165	1-126-964-11	ELECT	10uF	20%	50V		0 0 00. 00			
	C1166	1-126-964-11		10uF	20%		D1010	8-719-987-63	DIODE 1N4	148 M	
	C1167	1-126-964-11		10uF	20%		D1011	8-719-010-43			
	C1168	1-162-286-21		220PF	10%		D1012				
	C1169	1-109-889-11		1uF	20%		D1013	8-719-200-82			
							D1014	8-719-200-82			
	C1178	1-162-294-31	CERAMIC	0.001uF	10%	50V					
	C9001	1-162-306-11		0.01uF	30%		D1015	8-719-200-82	DIODE 11ES	S2	
	C9003	1-162-294-31		0.001uF	10%		D1016	8-719-200-82			
	C9004	1-162-294-31		0.001uF	10%			8-719-200-82			
	C9005	1-162-282-31		100PF	10%		D1018				
			02.00					8-719-200-82			
	C9006	1-164-159-21	CERAMIC	0.1uF		50V					
	C9007	1-162-294-31		0.001uF	10%				< GROUND T	ERMINAL >	
	C9008	1-162-294-31		0.001uF	10%						
							EPT902	1-537-770-21	TERMINAL B	OARD, GROUND	
			< CONNECTOR >								
	ONIOGA	4 770 007 11	COMMENTOR FE	VEDO 40D					< IC >		
	CN201	1-770-067-11					10050	0.750.400.00	10 0440570	(ALCCCALLACTILLY O. IT)	
	CN203	1-568-936-21	PIN, CONNECTOR				IC250			(N555AV:AEP,UK,G,IT)	
3K	CN250	1-568-832-11	SOCKET, CONNEC			0 DV 84V 8D)	IC251			P (N555AV:AEP,UK,G,IT)	
	011050	4 500 004 44	,			S,PX,MX,AR)	IC401			5NT (D670AV/N555AV:AEP,UK,G,IT)	
~	CN250	1-568-834-11	,		:VACCC	AEP,UK,G,II)	IC401			BNT (N555AV:E,AUS,PX,MX,AR)	
	CN401	1-308-836-11	SOCKET, CONNEC	JURZIP			1C402	8-759-822-09	IG LB1041		
H	CN402	1-568-830-11	SOCKET, CONNEC	TOR 11P			IC701	8-759-392-42	IC TMP87C	S64VF-6397	
	CN403	1-568-449-11			JABD/3	P	IC701	8-759-165-80			
	CN701	1-568-802-11	SOCKET, CONNEC		ט, שוואנ	'	IC801	8-759-634-51			
	014701	1-300-002-11	DOUNE I, DOINNE		555A\/·	AEP,UK,G,IT)	IC802	8-759-000-48			
*	CN701	1-568-838-11	SOCKET, CONNEC		000, 141	raci, 611, 61, 11, 1	IC803	8-759-140-53			
		. 000 000 17	0001121, 00111121	(N555AV:E	.AUS.P	X.MX.AR)	10000	0 100 110 00	10 01 01000		
*	CN1101	1-770-734-11	CONNECTOR, BO				IC805	8-759-634-51	IC M5218A	P	
							IC901	8-759-331-39			
	CN1102	1-691-768-11	PLUG (MICRO CO	NNECTOR)	6P		IC902	8-759-634-51			
			, , , , , , , , , , , , , , , , , , , ,	,				8-759-231-53			
			< DIODE >				IC1002				
	D201	8-719-987-63	DIODE 1N4148N	Λ			IC1003	8-759-604-86	IC M5F7807	'L	
	D202	8-719-987-63	DIODE 1N4148N	Λ			IC1004	8-759-604-90	IC M5F7907	⁷ L	
	D251	8-719-987-63	DIODE 1N4148N	A (N555AV:A	EP,UK,G	a,IT)	IC1101	8-759-248-74	IC LA2785		
	D401	8-719-933-54	DIODE HZS9A21	_ `			IC1102	8-759-341-23	IC LV1011		
	D701	8-719-987-63	DIODE 1N4148N	Л			IC1103	8-759-634-51	IC M5218A	P	
	D-1		DIAGE III						10		
	D702		DIODE 1N4148M				IC1104	8-759-281-42	IC TC9210P	•	
	D703		DIODE 1N4148M						14.014		
	D704		DIODE 1N4148M						< JACK >		
	D705		DIODE 11502	VI.			1004	1 605 100 04	IACK DIM AT	COHOMO VIDEO (AUDIO) IN)	
	D706	0-719-200-82	DIODE 11ES2				J801	1-095-188-31	JACK, PIN 41	P (PHONO, VIDEO (AUDIO) IN)	
	D707	8-719-987-63	DIODE 1N4148N	Л							
	D707		DIODE 1N4148N								
		5 7 10 307 00	51052 11411401				•				

COLL Page	Ref. No.	Part No.	<u>Description</u>			Rema	ırk	Ref. No.	Part No.	Description			Ren	<u>nark</u>
1-410-521-11 MDILCTOR 100-H (MS5SAVÆFUK,G.IT) R252 1-249-441-11 CARBON 100K 55. I/4W (MS5AVÆFUK,G.IT) 1-410-509-11 MDILCTOR 100-H R254 1-249-426-11 CARBON 100K 55. I/4W (MS5AVÆFUK,G.IT) 1-410-509-11 MDILCTOR 100-H R255 1-249-429-11 CARBON 10K 55. I/4W (MS5AVÆFUK,G.IT) 1-410-509-11 MDILCTOR 100-H R255 1-249-429-11 CARBON 10K 55. I/4W (MS5AVÆFUK,G.IT) 1-410-509-11 MDILCTOR 100-H R255 1-249-429-11 CARBON 10K 55. I/4W (MS5AVÆFUK,G.IT) 1-410-509-11 MDILCTOR 100-H R256 R256 R256 R256 R257 R256 R257			< COIL >					R251	1-249-401-11	CARBON	47			
1-249-430-11 MDUCTOR 10H				,	V:AEP,UK,	G,IT)		R252	1-249-441-11	CARBON	100K	5%	1/4W	
1-410-509-11 IMDUCTOR 10UH	L702	1-410-509-11	INDUCTOR 10	uH				R253	1-249-441-11	CARBON	100K	5%	1/4W	
1-1101							i	R254	1-249-426-11	CARBON	5.6K	5%	1/4W	
R256	L1101	1-410-509-11	INDUCTOR 10	uН				R255	1-249-429-11	CARBON	10K	5%	1/4W	
R256 1-247-807-31 CARBON 100 5% 1/4W												(N555AV	:AEP,UK,	G,IT)
R301 R-29-119-78 TRANSISTOR S2C403SP-51 R302 1-249-435-11 CARBON 15K 5% 1/4W R472-119-78 TRANSISTOR S2C403SP-51 R303 1-249-432-11 CARBON 15K 5% 1/4W R472-119-78 TRANSISTOR S2C403SP-51 R303 1-249-432-11 CARBON 16K 5% 1/4W R472-119-78 TRANSISTOR S2C403SP-51 R303 1-249-428-11 CARBON 8.2K 5% 1/4W R472-110 CARBON 16K 5% 1/4W R472	21104	1 410 000 11						R256	1-247-807-31	CARBON	100			G.IT)
Section Sect			< 1 MAIN 5151 U	n >				B301	1-249-430-11	CARBON	12K	•		_,,
1	0204	0 700 110 70	TRANSISTOR	200/020D	51			ı						
1								ı						
Radio								11000	1-243-402-11	OAITBOIL				G IT)
Name					51			DODA	1 040 400 11	CARRON				
Ray								H304	1-249-420-11	CARBON	0.21	J /0	1/444	1
Name	Q403	8-729-801-93	TRANSISTOR	2SD1387				DOOE	1 240 405 11	CADRON	174	50/	1////	E
1400 16729-192-75 TRANSISTOR DIM4111 16729-192-75 TRANSISTOR DIM4111 16729-192-75 TRANSISTOR DIM4111 16729-192-75 TRANSISTOR DIM4111 16729-192-75 TRANSISTOR DIM4114ES 16729-192-75 TRANSISTOR DIM414ES 16729-192-75								I						'
1-249-421-11 CARBON 2.2K 5% 1/4W F 2-249-425-11 CARBON 2.2K 5% 1/4W F 2-249-425-11 CARBON 3.2K 5% 1/4W F 3.2M 3.2								1						
Name								1						-
Name					IFE			1						
R310 1-249-417-11 CARBON 1K 5% 1/4W F R310 1-249-430-11 CARBON 1K 5% 1/4W F R310 R329-419-81 CARBON 12K 5% 1/4W F R310 R329-428-11 CARBON 12K 5% 1/4W F R310 R329-428-								H309	1-249-428-11	CARBON	8.2K	376	1/477	Г
Name	Q410	8-729-900-65	TRANSISTOR	DTA144ES				B040	4 040 447 44	040000	417	E0/	4 /4\4/	-
A-12								1						Г
Ranger R	Q411	8-729-900-65	TRANSISTOR	DTA144ES										
R355														_
Rate	Q701	8-729-119-78	TRANSISTOR	2SC403SP-	51			l .						
R356 1-247-840-00 CARBON 2.4K 5% 1/4W	Q820	8-729-422-57	TRANSISTOR	UN4111				R355	1-249-425-11	CARBON	4.7K	5%	1/4W	F
Radia	Q821	8-729-141-26	TRANSISTOR	2SC3622A-	LK								4 1 41 4 4	
R358 -249-421-11 CARBON								1						
Range	Q822				LK			1						_
R360 1-249-417-11 CARBON 1K 5% 1/4W F R415 1-249-429-11 CARBON 1K 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R417 1-249-429-11 CARBO	Q823	8-729-422-57	TRANSISTOR	UN4111										
Radi	Q824	8-729-900-80	TRANSISTOR	DTC114ES				R359						
R401 1-249-425-11 CARBON 4.7K 5% 1/4W F R402 1-249-425-11 CARBON 4.7K 5% 1/4W F R403 1-249-425-11 CARBON 4.7K 5% 1/4W F R405 1-249-437-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W R417 1-249-429-11 CARBON 4.7K 5% 1	Q830	8-729-141-26	TRANSISTOR	2SC3622A-	LK			R360	1-249-417-11	CARBON	1K	5%	1/4W	F
R402 1-249-425-11 CARBON A.7K 5% 1/4W F R415 1-249-425-11 CARBON A.7K 5% 1/4W F R415 1-249-425-11 CARBON A.7K 5% 1/4W F R416 1-249-425-11 CARBON A.7K 5% 1/4W R417 1-249-425-11 CARBON A.7K 5% A.7K		8-729-119-78	TRANSISTOR	2SC403SP-	-51									
Q951 8-729-119-78 TRANSISTOR 2SC403SP-51 R404 1-249-425-11 CARBON 4.7K 5% 1/4W F R415 1-249-429-11 CARBON 4.7K 5% 1/4W F R415 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-437-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W R417 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W F R								R401						
Q951 8-729-119-78 TRANSISTOR 2SC403SP-51 R403 1-249-425-11 CARBON 4.7K 5% 1/4W F R415 1-249-429-11 CARBON 4.7K 5% 1/4W F R416 1-249-429-11 CARBON 4.7K 5% 1/4W F R418 1-249-429-11 CARBON 4.7K 5% 1/4W 4	Q902	8-729-119-78	TRANSISTOR	2SC403SP-	-51			R402				5%		
Q952 8-729-119-78 TRANSISTOR 2SC403SP-51 R404 1-249-417-11 CARBON 1K 5% 1/4W F Q953 8-729-141-26 TRANSISTOR 2SC3622A-LK R405 1-249-437-11 CARBON 47K 5% 1/4W Q1001 8-729-118-01 TRANSISTOR 2SB1116 R407 1-249-437-11 CARBON 47K 5% 1/4W Q1002 8-729-003-65 TRANSISTOR 2SD2396K R408 1-249-437-11 CARBON 47K 5% 1/4W Q1003 8-729-021-82 TRANSISTOR 2SD2396K R409 1-249-429-11 CARBON 10K 5% 1/4W Q1101 8-729-118-01 TRANSISTOR 2SC3622A-LK R410 1-247-882-11 CARBON 10K 5% 1/4W Q1102 8-729-141-26 TRANSISTOR 2SC3622A-LK R411 1-247-866-11 CARBON 30K 5% 1/4W Q102 8-729-141-26 TRANSISTOR 2SC3622A-LK R411 1-249-429-11 CARBON 30K 5% 1/4W Q102 8-729-14		8-729-119-78	TRANSISTOR	2SC403SP-	-51			R403	1-249-425-11	CARBON				
R405 1-249-437-11 CARBON A7K 5% 1/4W								R404	1-249-417-11	CARBON		5%		F
R406								R405	1-249-437-11	CARBON	47K	5%	1/4W	
R406 1-249-437-11 CARBON 47K 5% 1/4W														
Q1002 8-729-900-36 TRANSISTOR DTC124ES C1003 8-729-021-82 TRANSISTOR 2SD2396K R409 1-249-429-11 CARBON 10K 5% 1/4W C1101 8-729-141-26 TRANSISTOR 2SC3622A-LK R410 1-247-882-11 CARBON 130K 5% 1/4W C1102 8-729-141-26 TRANSISTOR 2SC3622A-LK R411 1-247-866-11 CARBON C		• • • • • • • • • • • • • • • • • • • •						R406	1-249-437-11	CARBON	47K	5%	1/4W	
R408 1-249-437-11 CARBON 47K 5% 1/4W R201 1-249-415-11 CARBON 33K 5% 1/4W R211 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 33K 5% 1/4W R212 1-249-421-11 CARBON 33K 5% 1/4W R218 1-249-421-11 CARBON 33K 5% 1/4W R218 1-249-421-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R218 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R218 1-249-421-11 CARBON 2.2K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W R218 1-249-421-11 CARBON 2.2K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W R419 1-249-429-11 CARBON 10K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W R419 1-249-429-11 C	01001	8-729-118-01	TRANSISTOR	2SB1116				R407	1-249-437-11	CARBON	47K	5%	1/4W	
Resistor								R408	1-249-437-11	CARBON	47K	5%	1/4W	
Q1101 8-729-118-01 TRANSISTOR 2SB1116								R409	1-249-429-11	CARBON	10K	5%	1/4W	
Q1101 8-729-141-26 TRANSISTOR 2SC3622A-LK Q1102 8-729-141-26 TRANSISTOR 2SC3622A-LK R411 1-247-866-11 CARBON 30K 5% 1/4W R211 1-249-419-11 CARBON 10K 5% 1/4W R201 1-249-415-11 CARBON 680 5% 1/4W F R202 1-249-435-11 CARBON 33K 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R419 1-249-429-11 CARBON 10K 5% 1/4W R410 1-249-429-11 CARBON 10K 5% 1/4W R411 1-249-429-11 CARBON 10K 5% 1/4W R412 1-249-429-11 CARBON 10K 5% 1/4W R413 1-249-429-11 CARBON 10K 5% 1/4W R414 1-249-429-11 CARBON 10K 5% 1/4W R415 1-249-429-11 CARBON 10K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W								R410	1-247-882-11	CARBON	130K	5%	1/4W	
R411 1-247-866-11 CARBON 30K 5% 1/4W					1 K									
R412 1-249-429-11 CARBON 10K 5% 1/4W (D670AV/N555AV:AEP,UK,G,IT) R413 1-247-864-11 CARBON 24K 5% 1/4W R201 1-249-415-11 CARBON 33K 5% 1/4W R202 1-249-435-11 CARBON 680 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W R211 1-249-435-11 CARBON 680 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R213 1-249-429-11 CARBON 10K 5% 1/4W R215 1-249-421-11 CARBON 2.2K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W 1/4W	u. 101	0 720 141 20	71444010101	LOCOCLLI				R411	1-247-866-11	CARBON	30K	5%	1/4W	
R201 1-249-415-11 CARBON 680 5% 1/4W F R415 1-249-429-11 CARBON 10K 5% 1/4W R211 1-249-435-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R416 1-249-429-11 CARBON 10K 5% 1/4W R210 1-249-435-11 CARBON 33K 5% 1/4W R211 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R210 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-429	01102	8-729-141-26	TRANSISTOR	2SC3622A-	l K			1			10K	5%	1/4W	
R201 1-249-415-11 CARBON 680 5% 1/4W F R415 1-249-429-11 CARBON 10K 5% 1/4W R202 1-249-435-11 CARBON 33K 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R210 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-429-11 CARBO	Q1102	0-725 141 20	MANOGRATI	LUUUULLA	LIN						(D670A	V/N555AV	AEP,UK	G,IT)
R201 1-249-415-11 CARBON 680 5% 1/4W F R415 1-249-429-11 CARBON 10K 5% 1/4W R202 1-249-435-11 CARBON 33K 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-429-11 CA			> RESISTOR >					R413	1-247-864-11	CARBON	(
R201 1-249-415-11 CARBON 680 5% 1/4W F R415 1-249-429-11 CARBON 10K 5% 1/4W R202 1-249-435-11 CARBON 33K 5% 1/4W F R211 1-249-415-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R210 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 10K 5% 1/4W R250 1-249-429-11 CARBON 10K 5% 1/4W			Chediaton	•				I .					1/4W	
R202 1-249-435-11 CARBON 33K 5% 1/4W R211 1-249-415-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W	D204	1_9/0./15 11	CARRON	690	E0/	1////	F	l .						
R211 1-249-415-11 CARBON 680 5% 1/4W F R416 1-249-429-11 CARBON 10K 5% 1/4W R212 1-249-435-11 CARBON 33K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W R418 1-249-429-11 CARBON 10K 5% 1/4W									. 2.0 /20 11	J (DO/4	, 011	3,5		
R212 1-249-435-11 CARBON 33K 5% 1/4W R417 1-249-429-11 CARBON 10K 5% 1/4W R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W							E	R416	1-249-429-11	CARBON	10K	5%	1/4W	
R250 1-249-421-11 CARBON 2.2K 5% 1/4W F R418 1-249-429-11 CARBON 10K 5% 1/4W							1	ı						
7250 1-249-421-11 GARDON 2.2R 5/6 1/4W							E	l .						
(NOODAY:AEP,UN,U,II)	m25U	1-249-421-11	UANDUN	2.2K				l .						
					/ACCCVI)	AEF,UN,U	1,11)	''''	1 5-13 753/11	JAHLON	1010	3,0	., .,,	

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Rem	nark
R420	1-249-429-11	CARBON	10K	5%	1/4W	R741	1-247-863-91	CARBON	22K	5% (NES	1/4W 5AV:AUS	: DV\
			`		:AEP,UK,G,IT) R741	1-249-423-11	CARBON	3.3K	5%	1/4W	F
R421	1-249-429-11	CARBON	10K	5%	1/4W	D744	1 040 407 11	CARRON		(N555AV 5%		
D454	4 047 000 04	CADDON	(D670A) 22K	v/N555AV 5%	:AEP,UK,G,IT 1/4W) R741	1-249-427-11	CARBON	6.8K		AV:E,MX	F (AR)
R454 R455	1-247-863-91 1-247-863-91		22K 22K	5% 5%	1/4W					(NOSC	// V . L., IVI/	i,nii
	1-247-663-91		330	5% 5%	1/4W	R743	1-247-807-31	CARBON	100	5%	1/4W	
R456			6.8K	5%	1/4W F		1-247-807-31	CARBON	100	5%	1/4W	
R457	1-249-427-11	CANDON	0.01	376	1/4VV F	R745	1-247-807-31	CARBON	100	5%	1/4W	
DAEG	1-249-429-11	CARBON	10K	5%	1/4W	R745	1-247-807-31		100	5%	1/4W	
R458 R461	1-249-429-11		1K	5%	1/4W F		1-247-807-31	CARBON	100	5%	1/4W	
R701	1-249-417-11		10K	5%	1/4W	11/4/	1-247-007-31	OANDON	100	370	1/400	
R701	1-249-429-11		100	5% 5%	1/4W	R748	1-247-807-31	CARBON	100	5%	1/4W	
n/u2	1-247-007-31	CANDON	100	3 /0	(N555AV)	R749	1-247-807-31		100	5%	1/4W	
D702	1 240 420 11	CARBON	10K	5%	1/4W	R754	1-249-417-11		1K	5%	1/4W	F
R703	1-249-429-11	CARBUN	101	376	1/4 VV	R756	1-247-807-31		100	5%	1/4W	1
D705	1 040 400 11	CARRON	10K	5%	1/4 W	R757	1-249-429-11		10K	5%	1/4W	
R705	1-249-429-11		100	5%	1/4 W	n/3/	1-243-423-11	UANDUN	1010	J /0	1/-7 8 8	
R706	1-247-807-31		10K	5% 5%	1/4W	R758	1-249-429-11	CARBON	10K	5%	1/4W	
R707	1-249-429-11		10K	5% 5%	1/4 W	R759	1-249-429-11	CARBON	10K	5%	1/4W	
R709	1-249-429-11		10K	5% 5%	1/4 W	R763	1-249-429-11	CARBON	10K	5%	1/4W	
R711	1-249-429-11	CARBON	IUN	370	1/4 **	R764	1-247-807-31		100	5%	1/4W	
D74.4	1 040 400 11	CADRON	10K	5%	1/4W	R769	1-249-437-11		47K	5%	1/4W	
R714	1-249-429-11			5% 5%	1/4 W	n/09	1-249-437-11	CARBUN	4/1	3 /0	1/~4 ##	
R718	1-247-807-31 1-247-807-31		100 100	5%	1/4 W	R771	1-247-807-31	CARBON	100	5%	1/4W	
R719			100	5%	1/4W	R772	1-247-807-31		100	5%	1/4W	
R720	1-247-807-31			5% 5%	1/4 W	R773	1-247-807-31		100	5%	1/4W	
R721	1-247-807-31	CARBON	100	J70	1/477	R774	1-247-807-31		100	5%	1/4W	
D700	1 047 007 01	CARRON	100	5%	1/4 W	R790	1-247-607-31		10K	5%	1/4W	
R722	1-247-807-31	CARBON	100		:AEP,UK,G,IT		1-249-429-11	CARBUN	IUK	J /0	1/444	
R723	1 047 007 31	CARBON	100	(NOOOAV	1/4W	R791	1-249-437-11	CARBON	47K	5%	1/4W	
n/23	1-247-807-31	CANDON	100				1-249-437-11	CARBON	47K	5%	1/4W	
R724	1-247-807-31	CARBON	100	(NOOSAV 5%	:AEP,UK,G,IT 1/4 W	R794	1-249-437-11		100	5%	1/4W	
R725	1-247-807-31		100	5%	1/4W	R795	1-249-429-11		10K	5%	1/4W	
R726	1-247-807-31		100	5%	1/4W	R796	1-249-429-11	CARBON	10K	5%	1/4W	
												_
R727	1-247-807-31		100	5%	1/4W	R801	1-249-417-11		1K	5%	1/4W	F
R728	1-247-807-31		100	5%	1/4W	R802	1-249-417-11		1K	5%	1/4W	F
R729	1-247-807-31		100	5%	1/4W	R803	1-249-437-11		47K	5%	1/4W	_
R730	1-247-807-31		100	5%	1/4W	R804	1-249-416-11	CARBON	820	5%	1/4W	F F
R731	1-247-807-31	CARBON	100	5%	1/4W				(D670AV			
B300	4 0 47 007 04	0.100011	400	F0/	4 / 4144	R804	1-249-419-11	CARBON	1.5K	5%	1/4W	F (AD)
R732	1-247-807-31		100	5%	1/4W				(CCN)	5AV:E,AU	5,PX,IVI	(,An)
R733	1-247-807-31		100	5%	1/4W	Door	4 0 47 007 44	OADDON	FCOV	E0/	4/414/	
R734	1-247-807-31		100	5%	1/4W	R805	1-247-897-11 1-249-437-11		560K	5% 5%	1/4W 1/4W	
R735	1-247-807-31		100	5% 5%	1/4W	R806			47K	5%	1/4W	F
R736	1-247-807-31	CARBON	100	5%	1/4W	R807	1-249-417-11		1K		1/4W	'
D707	1 047 007 01	CARRON	100	E0/	1//\A/	R808	1-249-441-11		100K	5%	1/4W	
R737	1-247-807-31		100	5%	1/4W	R809	1-247-815-91	CARBON	220	5%	1/4 44	
R738	1-249-427-11		6.8K	5%	1/4W F	1	1 040 417 11	CADDON	11/	E0/	1/4 W	F
R739	1-249-425-11		4.7K	5% 5%	1/4W F 1/4W	1	1-249-417-11 1-249-417-11		1K 1K	5% 5%	1/4W	F
R740	1-247-863-91	CARBUN	22K	5% (N56		R811	1-249-417-11		3.9K	5%	1/4W	F
R740	1 040 405 44	CADDON	4.7K		55AV:AUS,P	* I	1-247-887-00		220K	5%	1/4W	•
n/40	1-249-425-11	CANDUN	4./ N	5% (NEE)	1/4W F		1-247-887-00	-	2.2K	5%	1/4W	F
				CCM	5av:e,mx,af	1) NO23			۷.۷۸	J /0	11.48 8.8	•
R740	1-249-427-11	CARBON	6.8K	5%	1/4W F	R826	1-249-441-11	CARBON	100K	5%	1/4 W	
				(N555AV:G,I	R827	1-249-421-11		2.2K	5%	1/4W	F
R740	1-249-429-11	CARBON	10K	5%	1/4W	R828	1-249-426-11		5.6 K	5%	1/4W	
				(N5	55AV:AEP,UI	() R829	1-249-429-11	CARBON	10 K	5%	1/4 W	

Ref. No.	Part No.	Description			Ren	<u>nark</u>	Ref. No.	Part No.	Description			Rem	<u>ark</u>
R830	1-249-441-11	CARBON	100K	5%	1/ 4W		R945 R951	1-249-417-11 1-249-425-11	CARBON CARBON	1K 4.7K	5% 5%	1/4W 1/4W	F
R831	1-249-437-11	CARBON	47K	5%	1/4W		11001	. 2.0 .20	011112011	*****			
R832	1-249-423-11		3.3K	5%	1/4W		R952	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R833	1-249-429-11		10K	5%	1/4W		R954	1-249-437-11	CARBON	47K	5%	1/4W	
R835	1-249-417-11		1K	5%	1/4W	F	R955	1-249-441-11	CARBON	100K	5%	1/4W	
R836	1-249-429-11		10K	5%	1/4W	,	R956	1-247-895-91		470K	5%	1/4W	
11000	1-243-423 11	OARDON	1010	0 /0	17-444		R957	1-249-437-11		47K	5%	1/4W	
R851	1-249-417-11	CARBON	1K	5%	1/4W	F							
R852	1-249-417-11	CARBON	1K	5%	1/4W	F	R958	1-249-429-11	CARBON	10K	5%	1/4 W	
R853	1-249-437-11	CARBON	47K	5%	1/4W		R959	1-249-411-11	CARBON	330	5%	1/4W	
R854	1-249-416-11	CARBON	820	5%	1/4W	F	R960	1-249-429-11	CARBON	10K	5%	1/4 W	
			(D670AV/	N555AV	:AEP,UK,	G,IT)	R961	1-249-421-11	CARBON	2.2K	5%	1/4 W	F
R854	1-249-419-11	CARBON	1.5K	5%	1/4W	F	R962	1-249-441-11	CARBON	100K	5%	1/4 W	
			(N555	AV:E,AL	JS,PX,MX	(,AR)							
							R963	1-249-429-11	CARBON	10K	5%	1/4W	
R855	1-247-897-11		560K	5%	1/4W		R964	1-249-437-11	CARBON	47K	5%	1/4W	
R856	1-249-437-11	CARBON	47K	5%	1/4W		R965	1-249-441-11	CARBON	100K	5%	1/4W	
R857	1-249-417-11	CARBON	1K	5%	1/4W	F	R967	1-249-431-11	CARBON	15K	5%	1/4 W	
R858	1-249-441-11	CARBON	100K	5%	1/4W		R973	1-247-903-00	CARBON	1 M	5%	1/4W	
R859	1-247-815-91	CARBON	220	5%	1/4W								
							R1001	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R870	1-249-441-11	CARBON	100K	5%	1/4W		R1002	1-247-815-91	CARBON	220	5%	1/4 W	
R871	1-249-424-11	CARBON	3.9K	5%	1/4W	F	R1003	1-249-417-11	CARBON	1K	5%	1/4 W	F
R872	1-247-887-00		220K	5%	1/4W		R1004	1-249-417-11	CARBON	1K	5%	1/4W	F
R878	1-249-426-11		5.6K	5%	1/4W		 ▲R1005	1-219-122-91	FUSIBLE	0.33	5%	1/4W	F
R879	1-249-429-11		10K	5%	1/4W								
							R1020	1-247-815-91	CARBON	220	5%	1/4W	
R901	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1021	1-247-815-91	CARBON	220	5%	1/4W	
R902	1-249-425-11		4.7K	5%	1/4W	F	R1022	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R903	1-249-437-11		47K	5%	1/4W		R1023	1-249-417-11	CARBON	1K	5%	1/4W	F
R904	1-249-437-11		47K	5%	1/4W		R1101	1-247-887-00	CARBON	220K	5%	1/4W	
R905	1-249-441-11		100K	5%	1/4W								
11000	. 210 (11)	0,1,1,50,11		0.70			R1102	1-247-887-00	CARBON	220K	5%	1/4W	
R906	1-247-895-91	CARBON	470K	5%	1/4W		R1103	1-249-417-11	CARBON	1K	5%	1/4W	F
R907	1-249-437-11		47K	5%	1/4W		R1104	1-249-432-11	CARBON	18K	5%	1/4W	
R908	1-249-429-11		10K	5%	1/4W		R1105	1-249-417-11	CARBON	1K	5%	1/4W	F
R909	1-249-411-11		330	5%	1/4W		R1115	1-249-441-11	CARBON	100K	5%	1/4W	
R910	1-249-429-11		10K	5%	1/4W								
							R1121	1-249-436-11	CARBON	39K	5%	1/4W	
R911	1-249-421-11	CARBON	2.2K	5%	1/4W	F	R1122	1-249-436-11	CARBON	39K	5%	1/4W	
R912	1-249-441-11		100K	5%	1/4W		R1123	1-249-417-11	CARBON	1K	5%	1/4W	F
R913	1-249-429-11		10K	5%	1/4W		R1124	1-247-903-00	CARBON	1M	5%	1/4W	
R914	1-249-437-11		47K	5%	1/4W		R1125	1-249-411-11	CARBON	330	5%	1/4W	
R915	1-249-441-11		100K	5%	1/4W								
							R1126	1-249-417-11		1K	5%	1/4W	F
R917	1-249-431-11	CARBON	15K	5%	1/4W		R1127	1-249-417-11	CARBON	1K	5%	1/4W	F
R922	1-247-903-00	CARBON	1 M	5%	1/4W		R1128	1-249-417-11	CARBON	1K	5%	1/4W	F
R923	1-247-903-00	CARBON	1M	5%	1/4W		R1130	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R930	1-247-863-91	CARBON	22K	5%	1/4W		R1131	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R931	1-247-863-91	CARBON	22K	5%	1/4W								
							R1132	1-249-441-11		100K	5%	1/4W	_
R932	1-249-429-11		10K	5%	1/4W		R1133	1-249-425-11		4.7K	5%	1/4W	F
R933	1-247-891-00		330K	5%	1/4W		R1134	1-249-425-11		4.7K	5%	1/4W	F
R934	1-249-441-11	CARBON	100K	5%	1/4W		R1135	1-249-441-11		100K	5%	1/4W	
R940	1-249-429-11	CARBON	10K	5%	1/4W		R1136	1-249-437-11	CARBON	47K	5%	1/4W	
R941	1-249-429-11	CARBON	10K	5%	1/4W								
							R1137	1-249-441-11		100K	5%	1/4W	
R942	1-249-429-11		10K	5%	1/4W		R1138	1-249-441-11		100K	5%	1/4W	
R943	1-249-417-11	CARBON	1K	5%	1/4W	F	R1139	1-249-417-11		1K	5%	1/4W	F
R944	1-249-417-11	CARBON	1K	5%	1/4W	F	R1140	1-249-417-11	CARBON	1K	5%	1/4W	F
							r						

The components identified by mark △ or dotted line with mark △ are critical for safety.

Replace only with part number specified.

Les components identified by marque △ sécurité.

Ne les remportant le number specified.

Les composants identifiés par une marque \triangle sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

MAIN MD

Ref. No.	Part No.	<u>Description</u>			Ren	<u>nark</u>	Ref. No.	Part No.	Description			Rem	<u>nark</u>
R1141	1-249-417-11	CARBON	1K	5%	1/4W	F	C433	1-162-209-31	CERAMIC	27PF	5%	50V	
							C601	1-126-157-11	ELECT	10uF	20%	16V	
R1142	1-249-417-11		1K	5%	1/4W	F							
R1143	1-249-417-11		1K	5%	1/4W	F	C602	1-126-157-11		10uF	20%	16V	
R1144	1-249-417-11		1K	5%	1/4W	F	C611	1-124-907-11		10uF	20%	50V	
R1145	1-249-429-11		10K	5%	1/4W		C612	1-124-907-11		10uF	20%	50V	
R1146	1-249-429-11	CARBON	10K	5%	1/4W		C621	1-137-150-11		0.01uF	5%	100V	
							C622	1-126-961-11	ELECT	2.2uF	20%	50V	
R1150	1-249-441-11		100K	5%	1/4W	_		4 400 455 00	PU 14	0.045.5	E0/	E01/	
R1151	1-249-417-11	CARBON	1K	5%	1/4W	F	C623	1-136-155-00		0.015uF	5%	50V	
		\(\(\text{A}\) \(\text{B}\) \(\text{A}\) \(\text{A}\) \(\text{B}\) \(\text{A}\) \(\	0T0B				C624	1-130-481-00		0.0068uF	5%	50V	
		< VARIABLE RESIS	S10K >				C625	1-130-481-00		0.0068uF		50V	
							C627	1-124-903-11		1uF	20%	50V	
RV301	1-238-600-11						C628	1-136-153-00	FILM	0.01uF	5%	50V	
RV351	1-238-600-11	RES, ADJ, CARBO	N TOK				0040	4 404 004 44	FLEOT	475	000/	101/	
		10004700					C642	1-104-664-11		47uF	20%	16V	
		< VIBRATOR >					C651	1-161-494-00	CERAMIC	0.022uF		25V	
X81	1.570-000-21	VIBRATOR, CRYST	FAL (A 222k	ALI-1					< CONNECTOR				
V01	1-3/3-300-21	VIDNATUR, URTO			AEP,UK,	G IT)			CONNECTOR	>			
X701	1-570-175-11	VIBRATOR, CERAN			ALF, UK,	G,11)	* CN601	1-568-864-11	SOCKET, CONN	ECTOR 21P			
X702		VIBRATOR, CRYST		/			* CN602		PIN, CONNECT		PE) 2P		
X1101		VIBRATOR, CERAM					* CN651		PLUG, CONNEC		1 4) 21		
XIIII	1-075-125-11	VIDENTOIL, OLIM	MIO (OZOMII	-)			014031	1-304-321-11	1 LOG, CONNEC	7101101			
******	*****	*****	****	*****	*****	***			< IC >				
*	A 0007 405 A	MD BOADD COM	ו כדב				10004	0.750.740.50	10 11 11445000				
•	A-2007-435-A	MD BOARD, COMP					IC601		IC NJM4580D IC uPC1330H/				
		(including MOTOR					IC602 IC611		IC NJM4580D				
		(Including MOTOR	Doard)				10011	0-755-710-55	10 14014143000	-0			
		MOTOR BOARD							< COIL >				
		< CAPACITOR >					L331	1-410-780-11	INDUCTOR 27n	nH			
		, ,					L431		INDUCTOR 27n				
C301	1-162-289-31	CERAMIC	390PF	10%	50V								
C302	1-126-968-11	ELECT	100uF	20%	6.3V				< MOTOR >				
C303	1-162-282-31	CERAMIC	100PF	10%	50V								
C304	1-130-483-00	MYLAR	0.01uF	5%	50V		M2	X-3369-111-1	MOTOR ASSY ((TRIGGER)			
C305	1-107-715-11	ELECT	22uF	20%	16V					,			
									< TRANSISTOR	>			
C311	1-162-289-31	CERAMIC	390PF	10%	50V								
C313	1-162-282-31	CERAMIC	100PF	10%	50V		Q621		TRANSISTOR				
C314	1-130-487-00		0.022uF	5%	50V		Q622		TRANSISTOR				
C315	1-126-233-11		22uF	20%			Q623		TRANSISTOR				
C331	1-137-427-11	FILM	120PF	5%	50V		Q651	8-729-900-65	TRANSISTOR	DTA144ES			
0000	4 400 000 01	OFDAMAIC	00005	4001	E014				DEDICTOR				
C332	1-162-288-31		330PF	10%	50V				< RESISTOR >				
C333	1-162-209-31		27PF	5%	50V					40016			
C401	1-162-289-31		390PF	10%	50V		R301	1-247-881-00		120K	5%	1/4W	_
C402	1-126-968-11		100uF	20%	6.3V		R302	1-249-409-11		220	5%	1/4W	F
C403	1-162-282-31	CERAMIC	100PF	10%	50V		R303	1-249-433-11		22K	5%	1/4W	
0404		10// 10	0.04 =	501	F011		R304	1-247-889-00		270K	5%	1/4W	
C404	1-130-483-00		0.01uF	5%	50V		R305	1-247-858-11	CARBON	13K	5%	1/4 W	
C405	1-107-715-11		22uF	20%	16V								
C411	1-162-289-31		390PF	10%	50V		R311	1-247-881-00		120K	5%	1/4W	
C413	1-162-282-31		100PF	10%	50V		R312	1-247-807-31		100	5%	1/4W	
C414	1-130-487-00	MYLAR	0.022uF	5%	50V		R314	1-247-882-11		130K	5%	1/4W	
C 1 1 -							R315	1-247-850-11		6.2K	5%	1/4W	
C415	1-126-233-11		22uF	20%	50V		R331	1-249-430-11	CARBON	12K	5%	1/4 W	
C431	1-137-427-11		120PF	5%	50V		.	4.049.004.00	0.10000	40.01			
C432	1-162-288-31	CERAMIC	330PF	10%	50V		R401	1-247-881-00	CARBON	120K	5%	1/4 W	

portant le numéro spécifié.

Ref. No.	Part No.	Description			Rem	nark	Ref. No.	Part No.	Description			Ren	<u>nark</u>
R402	1-249-409-11	CARBON	220	5%	1/4W	F	C911	1-126-963-11	ELECT	4.7uF	20%	50V	
R403	1-249-433-11	CARBON	22K	5%	1/4W					_			
R404	1-247-889-00	CARBON	270K	5%	1/4W		C931	1-126-964-11		10uF	20%	50V	
R405	1-247-858-11		13K	5%	1/4W		C941	1-126-964-11	ELECT	10uF	20%	50V	
R411	1-247-881-00	CARRON	120K	5%	1/4W				< IC >				
R412	1-247-807-31		100	5%	1/4W								
R414	1-247-882-11		130K	5%	1/4W		IC901	8-759-634-51	IC M5218	AP			
R415	1-247-850-11		6.2K	5%	1/4W								
R431	1-247-030-11		12K	5%	1/4W				< JACK >				
		0.00001	000	F0/	4 (4)81	-	J901	1-573-151-11	IACK I AR	GE TYPE (MIC)			
R601	1-249-409-11	CARBON	220	5%	1/4W	F	3301	1-3/3-131-11	UNON, LAIN	at 111 t (14110)			
R602	1-249-409-11		220	5%	1/4W	F			< RESISTO	R 、			
R608	1-249-409-11	CARBON	220	5%	1/4W	F			< NESISTO				
R609	1-249-433-11		22K	5%	1/4W	_	5000	1 040 417 11	CARRONI	1K	5%	1/4W	F
R611	1-249-409-11	CARBON	220	5%	1/4W	F	R900	1-249-417-11			5% 5%	1/4W	1
							R901	1-249-429-11		10K			-
R612	1-249-409-11	CARBON	220	5%	1/4W	F	R902	1-249-417-11		1K	5%	1/4W	F
 ∆ R621	1-212-851-00	FUSIBLE	5.6	5%	1/4W	F	R903	1-249-441-11		100K	5%	1/4W	_
△ R622	1-212-851-00		5.6	5%	1/4W	F	R904	1-249-417-11	CARBON	1K	5%	1/4 W	F
R623	1-249-432-11		18K	5%	1/4W								
R624	1-249-432-11		18K	5%	1/4W		R905	1-247-863-91	CARBON	22K	5%	1/4W	
11024	1-243-402-11	OARDON	TOIL	0 /0	17-144		R906	1-247-839-11	CARBON	2.2K	5%	1/4W	
DCOC	1 040 400 11	CADDON	10K	5%	1/4W		R907	1-249-436-11		39K	5%	1/4W	F
R625	1-249-429-11						R931	1-247-887-00		220K	5%	1/4W	
R651	1-247-856-00		11K	5%	1/4W		11331	1-247-007-00	OAHDON	LLOIN	0,0	.,	
R652	1-247-856-00		11K	5% 5%	1/4W				< VARIARI	E RESISTOR >			
R653	1-249-441-11	CARBON	100K	370	1/4W								
		< VARIABLE RESIS	STOR >				RV901	1-223-983-11	RES, VAR,	CARBON 50K (MIC	LEVEL	.)	
RV301	1-238-598-11	RES, ADJ, CARBO	N 2 2K				******	*****	******	******	*****	*****	***
RV301		RES, ADJ, CARBO											
							*	A-4389-610-A	PANEL BOA	ARD, COMPLETE (I	0670AV	'}	
RV341		RES, ADJ, CARBO						71 4000 010 71		******			
RV401		RES, ADJ, CARBO											
RV411	1-238-598-11	RES, ADJ, CARBO	N 2.2K				*	A-4389-629-A	PANEL BOA	ARD, COMPLETE			
RV441	1_228_551_11	RES, ADJ, CARBO	N 220K							*****			
RV651	1-238-599-11	RES, ADJ, CARBO								(1)	1555AV	AEP,UK,	G,IT)
RV652	1-238-599-11									·			
							*	A-4389-619 - A		ARD, COMPLETE			
		< TRANSFORMER	>						***************************************	**************** (N555/	V:E,AU	S,PX,M	X,AR)
T621	1-423-980-11	TRANSFORMER, E	HAS OSCIL	LATION						·			
								4-971-014-11	HOLDER, F	L TUBÉ			
*****	******	******	*******	*****	*****	****			< CAPACIT	0R >			
*	1-659-414-11	MIC BOARD (N55	AV:E.AUS.	PX,MX.	AR)								
		******					C501	1-126-160-11	ELECT	1uF	20%		
							C502	1-164-159-21	CERAMIC	0.1uF		50V	
		< CAPACITOR >					C503	1-126-160-11	ELECT	1uF	20%	50V	
		COM MONOTION					C504	1-164-159-21	CERAMIC	0.1uF		50V	
C901	1-162-306-11	CEDAMIC	0.01uF	30%	16V		C505	1-162-294-31		0.001uF	10%	50V	
				10%	50V								
C903	1-162-294-31		0.001uF				C506	1-124-584-00	FLECT	100uF	20%	10V	
C904	1-124-257-00		2.2uF	20%	50V		1	1-164-159-21		0.1uF	2070	50V	
C905	1-162-215-31		47PF	5%	50V		C511					50V	
C9 06	1-162-290-31	CERAMIC	470PF	10%	50V		C512	1-164-159-21		0.1uF			
							C513	1-164-159-21		0.1uF		50V	
C907	1-136-160-00	FILM	0.039uF	5%	50V		C514	1-164-159-21	CERAMIC	0.1uF		50V	
C908	1-124-257-00		2.2uF	20%	50V								
C909	1-162-215-31		47PF	5%	50V		C515	1-126-793-11	ELECT	` 33uF	20%	35V	
C910	1-162-286-21		220PF	10%			C518	1-126-157-11		10uF	20%	16V	
								ponents iden		Les composants			
								or dotted line v	with mark	marque A sont	critiq	ues poi	ır la
								ical for safety.		sécurité.			
							Replace	only with par		Ne les remplaces			niéce
							specified.			portant le numéro	spécif	ié.	

specified.

PANEL

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	Remark
C519	1-164-159-21	CERAMIC	0.1uF		50V	D624	8-719-058-04	DIODE SEL5	223S-TP15 (HALL)
C520	1-164-159-21	CERAMIC	0.1uF		50V	D625	8-719-058-04	DIODE SEL5	223S-TP15 (THEATER)
C521	1-164-159-21	CERAMIC	0.1uF		50V	D626	8-719-058-04	DIODE SEL5	223S-TP15 (LIVE)
						D627	8-719-058-04	DIODE SEL5	223S-TP15 (SUPER WOOFER)
C522	1-164-159-21	CERAMIC	0.1uF		50V				(N555AV)
C523	1-126-177-11	ELECT	100uF	20%	10V	D3026	8-719-987-63	DIODE 1N41	48M
C524	1-126-177-11	ELECT	100uF	20%	10V				
C545	1-162-306-11	CERAMIC	0.01uF	30%	16V	D3027	8-719-987-63	DIODE 1N41	48M
C546	1-162-306-11	CERAMIC	0.01uF	30%	16V	D3028	8-719-987-63	DIODE 1N41	48 M
						D3029		DIODE 1N41	
C547	1-126-157-11		10uF	20%	16V	D3201	8-719-987-63	DIODE 1N41	48 M
C549	1-126-177-11	ELECT	100uF	20%	10V	D3211	8-719-987-63	DIODE 1N41	48M
C601	1-126-157-11	ELECT	10uF	20%					
				(1	N555AV:AEP)	D3221		DIODE 1N41	
C3002	1-164-159-21		0.1uF		50V	D3231		DIODE 1N41	
C3010	1-162-294-31	CERAMIC	0.001uF	10%	50V	D3241		DIODE 1N41	
						D3242	8-719-987-63	DIODE 1N41	48M
C3034	1-124-584-00		100uF	20%	10V				
C3047	1-164-159-21		0.1uF		50V			< FLUORESCE	NT INDICATOR >
C3048	1-126-177-11		100uF	20%	10V				
C3049	1-164-159-21		0.1uF	000/	50V	FL501	1-517-490-21	INDICATOR TO	JBU, FLUORESCENT
C3201	1-126-163-11	ELECT	4.7uF	20%	50V				
	4 400 400 00	PIL A A		=0/	E014			< IC >	
C3202	1-136-169-00		0.22uF	5%	50V	10504	0.750.075.40	10 4000004	010 004
C3203	1-124-464-11		0.22uF	20%	50V	IC501		IC ASD0204-	
C3211	1-126-160-11		1uF	20%	50V	IC502		IC GP1U28XI	
C3212	1-136-155-00		0.015uF	5%	50V	IC503		IC uPD40538	
C3213	1-124-464-11	ELECT	0.22uF	20%	50V	IC504	8-759-910-14	IC SN74HC04	HAIN
C3221	1-136-167-00	CII M	0.15uF	5%	50V			< C01L >	
C3221	1-162-302-11		0.13ur 0.0022uF	30%	16V			< COIL >	
C3223	1-124-464-11		0.0022ui	20%	50V	L511	1_410_521_11	INDUCTOR 10	Out
C3232	1-162-293-31		820PF	10%	50V	Lori	1-410-521-11	INDOOTOR TO	out
C3233	1-124-464-11		0.22uF	20%	50V			< TRANSISTO	B >
00200	1 124 404 11		0.220	2070					
		< CONNECTOR >				Q601	8-729-422-57	TRANSISTOR	UN4111
						Q603		TRANSISTOR	
CN501	1-568-802-11	SOCKET, CONNECT	TOR 19P			Q605	8-729-422-57	TRANSISTOR	UN4111
			(D670AV/N	555AV:	AEP,UK,G,IT)	Q611	8-729-119-76	TRANSISTOR	2SA1175-HFE
CN501	1-568-838-11	SOCKET, CONNECT	TOR 21P			Q612	8-729-119-76	TRANSISTOR	2SA1175-HFE
			(N555A	V:E,AU	S,PX,MX,AR)				
						Q621	8-729-119-76	TRANSISTOR	2SA1175-HFE
		< DIODE >				Q622			2SA1175-HFE
						Q623			2SA1175-HFE
D511		DIODE 1N4148M				Q624			2SA1175-HFE
D512		DIODE 1N4148M				Q625	8-729-119-76	TRANSISTOR	2SA1175-HFE
D601		DIODE SEL5423E							
D602		DIODE SEL5423E	,		ND)	Q627			2SA1175-HFE
D611	8-/19-058-04	DIODE SEL5223S	-1P15 (EFF	ECI)		Q628			2SA1175-HFE
Deto	0.740.050.04	DIODE DELEGGO	TD15 (D0)	01/ 041	45)	Q629			2SA1175-HFE
D612		DIODE SEL5223S				Q630			2SA1175-HFE
D613		DIODE SEL5223S				Q631	8-729-119-76	THANSISTUR	2SA1175-HFE
D614 D615		DIODE SEL5223S				Q632	9,720,110,76	TRANSISTOR	2SA1175-HFE
D616		DIODE SEL52238	,	,	,	Q633			2SA1175-HFE 2SA1175-HFE
0010	0-718-000-04	DIODE SELSZZZZ	FIFID (OAL	.om, un	ionon)	Q634			2SA1175-HFE
D617	8-710-058-04	DIODE SEL52235	TD15 /D =	II E\		Q636			2SC2785-HFE
D617		DIODE SEL52238				Q3141		TRANSISTOR	
D619		DIODE SELSZZSS	,		`	u3141	0-123-300-00	INMINIOIOIUN	DIGHTED
D620		DIODE SEL5223S			,	Q3151	8-729-900-80	TRANSISTOR	DTC114FS
D623		DIODE SEL52238				Q3151		TRANSISTOR	
_ >= >	3 , 10 000 04	I.ODI OLLOLEO		OOLBY	SURROUND)		3 . LU 000 0E		
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PANEL

Ref. No.	Part No.	Description			Rem	<u>ark</u>	Ref. No.	Part No.	Description			Rem	<u>ıark</u>
		< RESISTOR >					R612	1-249-421-11	CARBON	2.2K	5%	1/4W	F
		(NESISTON >					R613	1-249-429-11	CARBON	10K	5%	1/4W	•
DE04	1 040 410 11	CADRON	4 EV	E0/	1/4W		R614	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R501	1-249-419-11		1.5K	5%		F					5%	1/4W	1
R502	1-249-401-11		47	5%	1/4W	F	R633	1-249-407-31	CARBON	150		1/4W	
R503	1-249-403-11		68	5%	1/4W	F	R634	1-249-407-31	CARBON	150	5%	1/477	
R504	1-247-807-31		100	5%	1/4 W								
R505	1-249-407-11	CARBON	150	5%	1/4 W	F	R635	1-249-407-31	CARBON	150	5%	1/4W	
							R636	1-249-407-31	CARBON	150	5%	1/4W	
R506	1-249-407-11	CARBON	150	5%	1/4W	F	R637	1-249-407-31	CARBON	150	5%	1/4W	
R507	1-247-815-91	CARBON	220	5%	1/4W		R639	1-249-407-31	CARBON	150	5%	1/4W	
R508	1-249-411-11		330	5%	1/4W		R640	1-249-407-31	CARBON	150	5%	1/4W	
R509	1-249-413-11		470	5%	1/4W	F	11010						
R510	1-249-415-11		680	5%	1/4W	F	R641	1-249-407-11	CARBON	150	5%	1/4W	F
HOIU	1-249-410-11	CANDUN	000	370	1/4 44	Г	l .			100	5%	1/4W	'
			414			_	R642	1-247-807-31	CARBON				
R511	1-249-417-11		1K	5%	1/4W	F	R643	1-247-807-31	CARBON	100	5%	1/4W	_
R512	1-249-419-11		1.5K	5%	1/4W	F	R644	1-249-407-11		150	5%	1/4W	F
R513	1-249-421-11	CARBON	2.2K	5%	1/4W	F	R645	1-249-407-11	CARBON	150	5%	1/4 W	F
R514	1-249-423-11	CARBON	3.3K	5%	1/4W	F							
R515	1-249-427-11	CARBON	6.8K	5%	1/4W	F	R646	1-249-407-11	CARBON	150	5%	1/4 W	F
							R648	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R516	1-249-431-11	CARBON	15K	5%	1/4W	F	R649	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R517	1-249-419-11		1.5K	5%	1/4W	F	R650	1-249-425-11	CARBON	4.7K	5%	1/4W	F
						F	1		CARBON	4.7K	5%	1/4W	F
R518	1-249-401-11		47	5%	1/4W		R651	1-249-425-11	CARBON	4./ N	J /6	1/ -> VV	'
R519	1-249-403-11		68	5%	1/4W	F				4 =14	50 /	4 /4141	-
R520	1-247-807-31	CARBON	100	5%	1/4W		R652	1-249-425-11	CARBON	4.7K	5%	1/4W	F
							R654	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R521	1-249-407-11	CARBON	150	5%	1/4W	F	R655	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R522	1-249-407-11	CARBON	150	5%	1/4W	F	R656	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R523	1-247-815-91	CARBON	220	5%	1/4W		R657	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R524	1-249-411-11		330	5%	1/4W								
R525	1-249-413-11		470	5%	1/4W	F	R658	1-249-425-11	CARBON	4.7K	5%	1/4W	F
11020	1 245 416 11	ONTEDOTE	470	0,0	17-7-00	,	R659	1-249-425-11	CARBON	4.7K	5%	1/4W	F
DEGE	1-249-415-11	CADDON	680	5%	1/4W	F	R660	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R526											5%	1/4W	F
R527	1-249-419-11		1.5K	5%	1/4W	F	R661	1-249-425-11	CARBON	4.7K			F
R528	1-249-401-11		47	5%	1/4W	F	R698	1-249-393-11	CARBON	10	5%	1/4 W	Г
R529	1-249-403-11		68	5%	1/4W	F						4 / 41 4 /	-
R530	1-247-807-31	CARBON	100	5%	1/4W		R700	1-249-393-11	CARBON	10	5%	1/4W	F
							R875	1-247-815-91	CARBON	220	5%	1/4W	
R531	1-249-407-11	CARBON	150	5%	1/4W	F				(N555	AV:E,AU	S,PX,M	(,AR)
R532	1-249-407-11	CARBON	150	5%	1/4W	F	R3011	1-247-903-00	CARBON	1 M	5%	1/4W	
R548	1-249-419-11	CARBON	1.5K	5%	1/4W	F	R3015	1-249-429-11	CARBON	10K	5%	1/4W	
R549	1-247-807-31	CARBON	100	5%	1/4W		R3019	1-249-429-11	CARBON	10K	5%	1/4W	
R550	1-249-407-11		150	5%	1/4W	F							
	1 2 10 101 11	071111011	, 55	0,,	.,	•	R3020	1-249-429-11	CARBON	10K	5%	1/4W	
R551	1-249-407-11	CARRON	150	5%	1/4W	F	R3021	1-249-429-11		10K	5%	1/4W	
						'	R3022	1-249-429-11	CARBON	10K	5%	1/4W	
R552	1-247-815-91		220	5%	1/4W						5%	1/4W	
R553	1-249-429-11		10K	5%	1/4W		R3023	1-249-429-11		10K			
R554	1-249-441-11		100K	5%	1/4W	_	R3024	1-249-429-11	CARBON	10K	5%	1/4W	
R564	1-249-419-11	CARBON	1.5K	5%	1/4W	F							
							R3036	1-249-429-11	CARBON	10K	5%	1/4W	
R565	1-247-807-31	CARBON	100	5%	1/4W		R3037	1-249-429-11	CARBON	10K	5%	1/4W	
R566	1-249-407-11	CARBON	150	5%	1/4W	F	R3038	1-249-429-11	CARBON	10K	5%	1/4W	
R567	1-249-407-11	CARBON	150	5%	1/4W	F	R3041	1-249-429-11	CARBON	10K	5%	1/4W	
R586	1-247-815-91		220	5%	1/4W		R3042	1-249-423-11		3.3K	5%	1/4W	F
R588	1-247-815-91		220	5%	1/4W								
, 1000	1-271-010-31	ON IDON	440	J /0	1/-199		R3049	1-249-429-11	CARBON	10K	5%	1/4W	
DEO-1	1,040 400 44	CADDON	60	£0/	1/4W	E	1		CARBON		5%	1/4W	
R591	1-249-403-11		68	5%		f	R3050	1-249-429-11		10K		1/4W	
R592	1-249-401-11		47	5%	1/4W	F	R3051	1-249-429-11		10K	5%		
R593	1-249-403-11		68	5%	1/4W	F	R3052	1-249-429-11		10K	5%	1/4W	
R594	1-249-401-11		47	5%	1/4W	F	R3053	1-249-429-11	CARBON	10 K	5%	1/4W	
R611	1-249-429-11	CARBON	10K	5%	1/4 W		I						

PANEL

POWER AMP

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Remark
R3087	1-249-441-11		100K	5%	1/4W	S528	1-554-303-21	SWITCH, TACTILE	(FILE 2)		
R3110	1-247-807-31		100	5%	1/4W	0.500	4 554 000 04	0147011 71074 5	· (=11 = 0)		
R3115	1-247-807-31		100	5%	1/4W	S529	1-554-303-21				
R3122	1-247-807-31		100	5%	1/4W	S530		SWITCH, TACTILE	· · · /	.021	
R3123	1-247-807-31	CARBON	100	5%	1/4W	S531		SWITCH, TACTILE		:C1)	
						S532		SWITCH, TACTILE			
R3124	1-247-807-31		100	5%	1/4 W	S549	1-554-303-21	SWITCH, TACTILE	(SUPER W	OOFER)	(N555AV)
R3138	1-247-807-31		100	5%	1/4W						
R3201	1-249-411-11		330	5%	1/4W	S551		SWITCH, TACTILE			
R3202	1-249-437-11		47K	5%	1/4 W	S552		SWITCH, TACTILE			
R3203	1-247-895-91	CARBON	470K	5%	1/4W	S553		SWITCH, TACTILE			P,UK,G,IT)
						S565	1-554-303-21	SWITCH, TACTILE	(STEREO/N	(ONO	
R3204	1-247-899-11	CARBON	680K	5%	1/4W	S566	1-554-303-21	SWITCH, TACTILE	(TUNER M	EMORY)
R3211	1-249-411-11	CARBON	330	5%	1/4W						
R3212	1-249-437-11	CARBON	47K	5%	1/4W	S567	1-554-303-21	SWITCH, TACTILE	(+ TUNING)	
R3213	1-247-895-91	CARBON	470K	5%	1/4W	S568	1-554-303-21	SWITCH, TACTILE	(- TUNING))	
R3214	1-247-899-11	CARBON	680K	5%	1/4W	S579	1-467-869-11	ENCODER, ROTAR	RY (VOLUMI	Ξ)	
D0004	1 040 411 11	CARRON	220	E0/	1 (4)41			. MIDDATOD .			
R3221	1-249-411-11		330	5%	1/4W			< VIBRATOR >			
R3222	1-249-437-11		47K	5%	1/4W	Vocat	4 570 000 44	VIDDATOD OCDAN	MO / 48411-1		
R3223	1-247-895-91		470K	5%	1/4W	X3001	1-5/9-233-11	VIBRATOR, CERA	VIIC (4IVITZ)		
R3224	1-247-899-11		680K	5%	1/4W	ata alta ata ata ata ata ata ata ata		*****			
R3231	1-247-807-31	CARBON	100	5%	1/4W	******	******	************	*****	****	*****
R3232	1-249-437-11	CARBON	47K	5%	1/4W	*	A-4389-604-A	POWER AMP BOA	ARD, COMP	LETE (D	670AV)
R3233	1-247-895-91		470K	5%	1/4W	İ		*****			
R3234	1-247-899-11		680K	5%	1/4W						
R3241	1-249-421-11		2.2K	5%	1/4W F	*	A-4389-617-A	POWER AMP BOA	ARD COMP	FTF	
R3242	1-249-393-11		10	5%	1/4W F		71 1000 017 71	********			
1102-12	1 240 000 11	0/1/10/11		0,0	., , , , ,				(N555A	V:E.AUS	S,PX,MX,AR)
		< SWITCH >							(,,,,,	2 ,
						*	A-4389-625-A	POWER AMP BOA	ARD, COMP	LETE	
S501	1-554-303-21	SWITCH, TACTILI	E (SYSTEM	POWER)			******			*****
S502	1-554-303-21				,				(1)	1555AV:	AEP,UK,G,IT)
S503	1-554-303-21	SWITCH, TACTILI	. ,	ET)					(**		,
S504	1-554-303-21	SWITCH, TACTILI		,			7-685-646-79	SCREW +BVTP 3X	8 TYPE2 N-	·S	
S506		SWITCH, TACTILI		PON/M	PX)					•	
2300	1 004 000 21	OW/// /// /// /// /// ///			S,PX,MX,AR)			< CAPACITOR >			
			(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	17.2,710	0,, 74,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
S507	1-554-303-21	SWITCH, TACTILI	F (TUNING N	MODE)		C1201	1-126-963-11	FLECT	4.7uF	20%	50V
S508	1-554-303-21	SWITCH, TACTILI	*	,		C1202	1-162-294-31		1000PF	10%	50V
S509	1-554-303-21	SWITCH, TACTILI				C1203	1-162-286-21		220PF	10%	50V
S510		SWITCH, TACTILI				C1204	1-126-967-11		47uF	20%	
S511		SWITCH, TACTILI				C1205	1-126-967-11		47uF	20%	50V
557.	, 501 555 21	01111011, 1110112	- (- /			0.200	20 00, 11			2070	
S512	1-554-303-21	SWITCH, TACTIL	F (LIVE)			C1206	1-126-968-11	FLECT	100uF	20%	50V
S513	1-554-303-21	SWITCH, TACTIL		١		C1207	1-162-306-11		0.01uF	5%	50V
S514	1-554-303-21			,		C1208	1-126-965-11		22uF	20%	50V
S515	1-554-303-21	SWITCH, TACTILI		nni RV S	(URBOLIND)	C1209	1-162-306-11		0.01uF	5%	50V
S516	1-554-303-21	SWITCH, TACTIL				C1210	1-136-495-11		0.068uF	5%	50V
0010	1 004 000 21	OTTOIN, INOTIL	L (OLIVIEI)	WODE, C	on noone,	01210	1 100 400 11	1 ICINI	0.00041	0 70	
S517	1-554-303-21					C1211	1-136-495-11		0.068uF	5%	50V
S518	1-554-303-21			(DEMO		C1212	1-126-964-11		10uF	20%	50V
S519	1-554-303-21					C1220	1-126-933-11		100uF		10V
S520	1-554-303-21					C1226	1-161-494-00	CERAMIC	0.022uF		50V
S521	1-554-303-21	SWITCH, TACTIL	E (DAILY 1)							1555AV:	AEP,UK,G,iT)
CEOO	1 554 000 04	CM/ITCLI TACTIL	E (TIMED OF	T)		C1231	1-126-923-11	ELECT	220uF	20%	10V
S522	1-554-303-21					04000	1 100 000 11	EI ECT	220.00	200/	101/
S525		SWITCH, TACTIL				C1232	1-126-923-11		220uF	20%	10V
S526	1-554-303-21		*	אנז)		C1233	1-124-925-11		2.2uF	20%	100V
S527	1-554-303-21	SWITCH, TACTIL	E (FILE 1)			C1234	1-126-933-11	ELEUÍ	100uF	20%	10V

POWER AMP

Ref. No.	Part No.	Description			Remark	Ref	. <u>No.</u>	Part No.	<u>Description</u>				<u>Remark</u>
C1247	1-161-494-00	CERAMIC		30% 5			C1360	1-136-495-11	FILM	0.06 0.06			50V 50V
					P,UK,G,IT)		C1361	1-136-495-11	FILM			-	50V
C1248	1-164-159-21	CERAMIC	0.1uF (N5		OV P,UK,G,IT)	•	C1397	1-136-157-00	FILM	0.02			AEP,UK,G,IT)
C1249	1-164-159-21	CERAMIC	0.1uF		0V P,UK,G,IT)	1	C1398	1-164-159-21	CERAMIC	0 .1u		(N555AV:	50V AEP,UK,G,IT)
C1251	1-126-963-11		4.7uF	20% 5	0V	1	C1399	1-164-159-21	CERAMIC	0. 1u	ıF	•	50V AEP,UK,G,IT)
C1252	1-162-294-31				0V		04.404	4 404 000 00	FLECT	0.47		20%	50V
C1253	1-162-286-21				0V		C1431	1-124-902-00	ELECT	0.47			
C1254	1-126-967-11	ELECT	47uF	20% 5	0V		C1447	1-161-494-00	CERAMIC	0.02			AEP,UK,G,IT)
04055	4 400 007 44	E! COT	47E	20% 5	ov		C1448	1-164-159-21	CERAMIC	0.10		(HOOOMY.	50V
C1255	1-126-967-11						01440	1-104-103-21	OCHIMINO	0.70		(N555AV	AEP,UK,G,iT)
C1256	1-126-968-11				0V							(11000)111	, (21,011,0,1)
C1260	1-136-495-11				0V		04.440	4 404 450 01	CEDANAIC	0.1u	Œ		50V
C1261	1-136-495-11		0.068uF		0V		C1449	1-164-159-21	CERAMIC	0.10		/NEEEAV/	AEP,UK,G,IT)
C1270	1-130-781-00	FILM	0.22uF	10% 1	00V		04.404	4 400 004 04	CEDARAIC	0.00)1uF		50V
				100/ 4			C1481	1-162-294-31	CERAMIC	0.00	Hur	10 /0	(N555AV)
C1271	1-130-781-00		0.22uF		00V		04.400	4 407 200 44	EU AA	0.1	. =	5%	50V
C1272	1-126-138-11	ELECT			0V		C1482	1-137-399-11	FILM	0.10	1E	3 /6	(N555AV)
			(D670AV/N5				04.400	4 407 000 44	EU 44	0.1	·E	5%	50V
C1272	1-128-493-11	ELECT	4700uF	20% 7			C1483	1-137-399-11	FILM	0.10	и	3 /6	(N555AV)
					/IX,PX,AR)		04.40.4	1-136-167-00	CII M	0.15	SuF	5%	50V
C1273	1-126-138-11	ELECT		20% 5			C1484	1-130-107-00	LILIVI	0.10	Jui	370	(N555AV)
			(D670AV/N5										(14000M4)
C1273	1-128-493-11	ELECT	4700uF	20% 7			04.405	4 400 474 00	CILM	0.33)E	5%	50V
			(N555AV	: E,AUS,N	/IX,PX,AR)		C1485	1-136-171-00	FILM	0.50	Jui	J /0	(N555AV)
		0504440	0.000.5	000/ 5	~ ,		01496	1 126 155 00	FILM	0.01	15uF	5%	50V
C1297	1-161-494-00	CERAMIC		30% 5			C1486	1-136-155-00	LITTAL	0.0	Jui	370	(N555AV)
0.000	4 404 450 04	05044410	,		P,UK,G,IT)		C1489	1-126-964-11	ELECT	10u	F	20%	50V
C1298	1-164-159-21	CERAMIC	0.1uF		OV P,UK,G,IT)		U1405	1-120-304-11	LLLOI	100	•	2070	(N555AV)
01000	1 164 150 01	CERAMIC	0.1uF		0V		C1492	1-126-964-11	FLECT	10u	F	20%	50V
C1299	1-164-159-21	GENAIVIIG			P,UK,G,IT)		01402	1 120 001 11		,,,,			(N555AV)
C1301	1-126-963-11	ELECT	4.7uF		0V		C1493	1-126-964-11	ELECT	10u	F	20%	50V
C1301	1-162-294-31				0V		0						(N555AV)
01002	1-102-254 01	OLITARIO	0.00141	1070 0	•								
C1303	1-162-286-21	CERAMIC	220PF	10% 5	0V		C1497	1-161-494-00	CERAMIC	0.02	22uF		50V
C1304	1-126-967-11		47uF		0V							(N555AV	:AEP,UK,G,IT)
C1305	1-126-967-11		47uF		0V		C1498	1-164-159-21	CERAMIC	0.10	υF		50V
C1306	1-126-968-11		100uF		0V							(N555AV	:AEP,UK,G,IT)
C1308	1-126-965-11		22uF		0V		C1499	1-164-159-21	CERAMIC	0.11	υF		50V
5.550	23 000 11											(N555AV	:AEP,UK,G,IT)
C1310	1-136-495-11	FILM	0.068uF	5% 5	0V								
C1311	1-136-495-11		0.068uF	5% 5	0V				< CONNECT	TOR >			
C1326			0.022uF	30% 5	i0V								
			(N:	555AV:AE	P,UK,G,IT)	*		1-766-957-11		R, BOARD T			P
C1347	1-161-494-00	CERAMIC	0.022uF	30% 5	0V			1-564-506-11					
			(N:	555AV:AE	P,UK,G,IT)			1-564-508-11					
C1348	1-164-159-21	CERAMIC	0.1uF	5	V0	*		1-564-509-11		INECTOR 6F			
			(N:	555AV:AE	P,UK,G,IT)		CN1404	1-564-510-11	PLUG, CON	INECTOR 7F	, (N	555AV)	
C1349	1-164-159-21	CERAMIC	0.1uF		50V				< DIODE >				
					P,UK,G,IT)								
C1351		ELECT	4.7uF	20% 5			D1201	8-719-987-63					
C1352	1-162-294-31		0.001uF		50V		D1202	8-719-987-63					
C1353			220PF		50V		D1204	8-719-987-63					
C1354	1-126-967-11	ELECT	47uF	20% 5	50V		D1206	8-719-987-63					
							D1207	8-719-987-63	DIODE 1N	14148M			
C1355			47uF		50V		D. C.C.	0.740.007.00	DIODE 4	1414014			
C1356	1-126-968-11	1 ELECT	100uF	20%	50V	ł	D1209	8-719-987-63	DIODE 11	14 148M			

POWER AMP

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description			Rem	<u>nark</u>
		DIODE 1N4148M DIODE 1N4148M		Q1230	8-729-119-78	TRANSISTOR	2SC403SP-5	1		
		DIODE 1N4148M		01240	8-729-900-63	TRANSISTOR	DTA124FS			
D1213		DIODE 1N4148M		Q1251	8-729-140-84			FAEA		
512.0	0 7 10 001 00	01002 1111110111		Q1301						
D1231	8-719-987-63	DIODE 1N4148M		Q1307						
D1232		DIODE 1N4148M		Q1351		TRANSISTOR				
D1240		DIODE 1N4148M			0 / = 0 0		2001011111	, , ,,		
D1250		DIODE RBV-602-0		Q1404	8-729-141-26	TRANSISTOR	2SC3622A-L	K (N555	AV)	
D1251		DIODE 1N4148M			8-729-141-26					
					8-729-140-84					
D1301	8-719-987-63	DIODE 1N4148M						•	ľ	
D1304	8-719-987-63	DIODE 1N4148M				< RESISTOR :	>			
D1306		DIODE 1N4148M								
D1307	8-719-987-63	DIODE 1N4148M		R1201	1-249-417-11	CARBON	1K	5%	1/4W	F
D1308	8-719-987-63	DIODE 1N4148M		R1202			47K	5%	1/4W	
				R1203	1-249-415-11	CARBON	680	5%	1/4W	F
D1341	8-719-987-63	DIODE 1N4148M		R1204	1-249-437-11	CARBON	47K	5%	1/4W	
D1351	8-719-987-63	DIODE 1N4148M	(N555AV) (N555AV) (N555AV) (N555AV) (N555AV)	R1205	1-249-425-11	CARBON	4.7K	5%	1/4W	F
D1406	8-719-987-63	DIODE 1N4148M	(N555AV)							
D1407	8-719-987-63	DIODE 1N4148M	(N555AV)	R1206			4.7K	5%	1/4W	F
D1408	8-719-987-63	DIODE 1N4148M	(N555AV)	R1207	1-249-425-11	CARBON	4.7K	5%	1/4W	F
				R1208	1-249-425-11		4.7K	5%	1/4W	F
D1411	8-719-987-63	DIODE 1N4148M	(N555AV)	▲ R1209			100	5%	1/4 W	F
D1412	8-719-987-63	DIODE 1N4148M	(N555AV)	▲R1210	1-208-602-11	WIREWOUND	0.22	10%	2W	F
D1431	8-719-987-63	DIODE 1N4148M								
D1441	8-719-987-63	DIODE 1N4148M	(N555AV)		1-249-417-11		1K	5%	1/4W	F
					1-249-431-11		15K	5%	1/4W	
		<ground td="" termin<=""><td>IAL></td><td></td><td>1-249-441-11</td><td></td><td>100K</td><td>5%</td><td>1/4W</td><td>_</td></ground>	IAL>		1-249-441-11		100K	5%	1/4W	_
FDT400					1-249-421-11		2.2K	5%	1/4W	F
* EPI120	1 1-537-738-21	GROUND, TERMIN	AL	R1215	1-249-421-11	CARBON	2.2K	5%	1/4W	F
		< IC >		R1216	1-249-421-11	CARBON	2.2K	5%	1/4W	F
				R1217			2.2K	5%	1/4W	F
IC1201	8-749-900-24	IC STK-4162MK2	(N555AV:AEP,UK,G,IT)	R1218	1-247-791-91		22	5%	1/4W	
IC1201		IC STK-4182MK2			1-247-791-91		22	5%	1/4W	
IC1201			555AV:E,AUS,PX,MX,AR)	R1220	1-249-389-11		4.7	5%	1/4W	F
IC1202		IC UPC1237HA					(1	N555AV:	AEP,UK,	G,IT)
IC1301	8-749-900-24	IC STK-4162MK2	(N555AV:AEP,UK,G,IT)							
				R1221	1-249-389-11	CARBON	4.7		1/4 W	
IC1301		IC STK-4182MK2						N555AV:	AEP,UK,	
IC1301			555AV:E,AUS,PX,MX,AR)		1-249-413-11		470	5%	1/4W	F
		IC M5218AP (N55			1-249-429-11		10K	5%	1/4 W	
IC1403	8-759-634-51	IC M5218AP (N55	55AV)		1-249-429-11		10K		1/4W	_
		224		R1225	1-249-417-11	CARBON	1K	5%	1/4W	F
		< COIL >		D4000	4 040 404 44	OADDON	0.014	F0'	4//144	-
L1201	1_420_070_00	COIL AID CODE (A)	ISSENVACION C IT	R1226	1-249-421-11		2.2K	5%	1/4W	F
L1251			1555AV:AEP,UK,G,IT) 1555AV:AEP,UK,G,IT)	R1227	1-249-429-11 1-249-441-11	CARBON	10K	5%	1/4W 1/4W	
L1301			ISSSAV.AEP,UK,G,IT)	R1228 R1229	1-249-441-11		100K	5%		
L1351			ISSSAV:AEP,UK,G,IT)	R1229			10K 10K	5% 5%	1/4 W 1/4 W	
L1001	1-420-072-00	OOIL, AITTOOTIL (II	1000AV.ALI,OK,G,II)	RIZOI	1-245-425-11	CARDON	TOK	J /0	1/4 VV	
L1401	1-420-872-00	COIL, AIR-CORE (N	I555AV:AEP.UK.G.IT)	R1232	1-249-441-11	CARRON	100K	5%	1/4W	
L1451		,	I555AV:AEP,UK,G,IT)	R1233	1-249-435-11		33K	5%	1/4W	
				R1234	1-247-791-91		22	5%	1/4W	
		< TRANSISTOR >		R1235	1-249-425-11		4.7K	5%	1/4W	F
			-	R1236	1-249-425-11		4.7K	5%	1/4W	F
Q1201	8-729-140-84	TRANSISTOR 2SC	C1841-PAFAEA					• •		
Q1206		TRANSISTOR UNA		R1237	1-249-438-11	CARBON	56K	5%	1/4W	
Q1207		TRANSISTOR 2SC		R1238	1-249-437-11		47K	5%	1/4W	
Q1208		TRANSISTOR DTO		R1239	1-247-863-91		22K	5%	1/4W	
•			Г							-
					ponents identi		composants			
					r dotted line w al for safety.		rque ∆ sont urité.	critiqu	es pou	ıa
					al for safety.		urite. les remplacer	Give no	r jine ni	éce
				specified.	mry with patt		tant le numéro			
			L	specified.		Por	tuni to municit	Specific	··	

POWER AMP

Ref. No.	Part No.	Description			Ren	<u>nark</u>	Ref. No.	Part No.	Description			Rem	<u>ıark</u>
D1040	1 047 069 01	CARBON	22K	5%	1/4W		R1313	1-249-441-11	CARBON	100K	5%	1/4W	
R1240	1-247-863-91		100K	5% 5%	1/4W		117010	7 2 10 7 11 11	071112011	, , , , ,			
R1242	1-249-441-11	CARBON	IUUK	370	1/444		R1314	1-249-421-11	CARBON	2.2K	5%	1/4W	F
A D4040	4 047 007 00	ELIQUEL E		E0/	4 / 4144	_	R1315	1-249-421-11	CARBON	2.2K	5%	1/4W	F
 ∆R1243	1-217-637-00		1	5%	1/4W	F	R1316	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R1244	1-249-417-11		1K	5%	1/4W	F	l .		CARBON	2.2K	5%	1/4W	F
R1245	1-249-441-11	CARBON	100K	5%	1/4W		R1317	1-249-421-11			5%	1/4W	ľ
R1247	1-249-421-11		2.2K	5%	1/4W	F	R1318	1-247-791-91	CARBON	22	3 /0	1/400	
R1248	1-249-385-11	CARBON	2.2	5%	1/ 6W	F			CARRON	00	E0/	4 / 414/	
				(N555AV	:AEP,UK	,G,IT)	R1319	1-247-791-91	CARBON	22	5%	1/4W	-
							R1320	1-249-389-11	CARBON	4.7	5%	1/4W	F (F)
R1249	1-249-385-11	CARBON	2.2	5%	1/6W	F					(N555AV		
				(N555AV	:AEP,UK	,G,IT)	R1321	1-249-389-11	CARBON	4.7	5%	1/4W	F
R1251	1-249-417-11	CARBON	1K	5%	1/4W	F					(N555AV		G,Π
R1252	1-249-437-11	CARBON	47K	5%	1/4W		R1324	1-249-429-11	CARBON	10K	5%	1/4W	
R1253	1-249-415-11		680	5%	1/4W	F	R1329	1-249-429-11	CARBON	10K	5%	1/4 W	
R1254	1-249-437-11	CARBON	47K	5%	1/4W	,	1						
111234	1 240 407 11	OFTENDON	77.14	, 0, 0	,, ,,,,,		R1337	1-249-438-11	CARBON	56K	5%	1/4W	
R1255	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1338	1-249-437-11	CARBON	47K	5%	1/4W	
	1-249-425-11		4.7K	5%	1/4W	F	R1340	1-247-863-91	CARBON	22K	5%	1/4W	
R1256			4.7K	5%	1/4W	F	▲ R1343	1-217-637-00		1	5%	1/4W	F
R1257	1-249-425-11						R1344	1-249-417-11	CARBON	iK.	5%	1/4W	F
R1258	1-249-425-11		4.7K	5%	1/4W	F	111044	1-2-10-417-11	ONITOON	1115	• / •		
△ R1259	1-212-881-11	FUSIBLE	100	5%	1/4W	F	R1348	1-249-385-11	CARBON	2.2	5%	1/6W	F
				4004		-	N1340	1-243-303-11	CARDON	2.2	(N555AV		
⚠ R1260	1-208-602-11	WIREWOUND	0.22	10%	2W	F	21040	4 040 005 11	CADDON	2.2	5%	1/6W	F
R1261	1-249-417-11	CARBON	1K	5%	1/4W	F	R1349	1-249-385-11	CARBON	2.2	(N555AV		
R1262	1-249-431-11	CARBON	15K	5%	1/4 W			4 040 447 44	CARRON	412			F
R1263	1-249-441-11	CARBON	100K	5%	1/4 W		R1351	1-249-417-11	CARBON	1K	5%	1/4W	Г
R1268	1-247-791-91	CARBON	22	5%	1/4 W		R1352	1-249-437-11	CARBON	47K	5%	1/4W	-
							R1353	1-249-417-11	CARBON	1K	5%	1/4W	F
R1269	1-247-791-91	CARBON	22	5%	1/4W								
R1270	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1354	1-249-437-11	CARBON	47K	5%	1/4W	_
R1271	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1355	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1272	1-260-091-11		220	5%	1/2W		R1356	1-249-425-11	CARBON	4.7K	5%	1/4W	F
R1273	1-249-389-11		4.7	5%	1/4W	F	R1357	1-249-425-11	CARBON	4.7K	5%	1/4W	F
111270	, 210 000 , ,			(N555AV		.G.IT)	R1358	1-249-425-11	CARBON	4.7K	5%	1/4 W	F
				(,-,,							
R1274	1-260-091-11	CARBON	220	5%	1/2W		▲R1359	1-212-881-11	FUSIBLE	100	5%	1/4W	F
R1275	1-249-389-11	CARBON	4.7	5%	1/4W	F	△R1360	1-208-602-11	WIREWOUND	0.22	10%	2W	F
111273	1-243-003-11	OANDON	7.7	(N555AV			R1361	1-249-417-11	CARBON	1K	5%	1/4W	F
R1276	1-260-091-11	CARBON	220	5%	1/2W	, 0, 11 /	R1362	1-249-431-11	CARBON	15K	5%	1/4W	
R1277	1-260-091-11		220	5%	1/2W		R1363	1-249-441-11		100K	5%	1/4W	
				5%	2W	F	1						
△R1280	1-216-455-11	METAL OXIDE	560	370	∠ AA	F	R1368	1-247-791-91	CARBON	22	5%	1/4W	
D4000	4 040 005 44	CARRON	0.0	E0/	1/6W	_	R1369	1-247-791-91		22	5%	1/4W	
R1298	1-249-385-11	UARBUN	2.2	5% (NEEEAV			R1370	1-249-389-11		4.7	5%	1/4W	F
D4000	4 040 005 44	OADDON	0.0	(N555AV			111070	1 240 000 11	071110014	***	(N555AV		
R1299	1-249-385-11	CARBON	2.2	5%	1/6W		R1371	1-249-389-11	CARRON	4.7	5%	1/4W	
		0.100011	416	(N555AV			111371	1-243-003-11	CALIDON	7.7	(N555AV		
R1301	1-249-417-11		1K	5%	1/4W	F	△R1380	1.016.455-11	METAL OXIDE	560	5%	2W	F
R1302	1-249-437-11		47K	5%	1/4W	_	A R 1360	1-210-400-11	MEINE OVIDE	500	3 /0	211	•
R1303	1-249-417-11	CARBON	1K	5%	1/4W	F	04000	1 040 005 11	CADDON	0.0	5%	1/6W	_
							R1398	1-249-385-11	CANDON	2.2	(N555AV		
R1304	1-249-437-11	CARBON	47K	5%	1/4W				0.400041				
R1305	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1399	1-249-385-11	CARBON	2.2	5%	1/6W	
R1306	1-249-425-11	CARBON	4.7K	5%	1/4W	F			0.0000	. –	(N555AV		
R1307	1-249-425-11	CARBON	4.7K	5%	1/4W	F	R1420	1-249-389-11	CARBON	4.7	5%	1/4W	
R1308	1-249-425-11		4.7K	5%	1/4W	F					(N555AV		
							R1421	1-249-389-11	CARBON	4.7	5%	1/4W	
△R1309	1-212-881-11	FUSIBLE	100	5%	1/4W	F					(N555AV		"G,IT)
△R1310	1-208-602-11		0.22	10%	2W	F	R1424	1-249-429-11	CARBON	10K	5%	1/4W	
R1311	1-249-417-11		1K	5%	1/4W	F						(N5	55AV)
R1312	1-249-431-11		15K	5%	1/4W	•							
0 12	. 2.0 101 11	3		•	•••								

The components identified by mark \triangle or dotted line with mark ⚠ are critical for safety.

Replace only with part number

specified.

Les composants identifiés par une marque A sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le numéro spécifié.

POWER AMP S. WOOFER

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Ren	<u>nark</u>
R1431	1-249-441-11		100K	5%	1/4W	TM1301	1-537-510-11	TERMINAL BOARD				
R1433	1-249-419-11	CARBON	1.5K	5%	1/4 W F						ID SPEA	
R1439	1-247-863-91	CARBON	22K	5%	1/4 W	TM1401	1-694-053-11	TERMINAL BOARD) (SUPER V	VOOFEF	R) (N555	AV)
R1444	1-249-417-11	CARBON	1K	5%	1/4W F							
					(N555AV)	*******	*******	*******	*****	*****	*****	****
R1448	1-249-385-11	CARBON	2.2	5%	1/6W F				D 001101			
				(N555AV	:AEP,UK,G,IT)	*	A-4389-608-A	S, WOOFER BOAR				
54440	4 040 005 44	040000		F0/	4 (OM) E			****			C DV MV	/ AD\
R1449	1-249-385-11	CARBON	2.2	5%	1/6W F				ACCCNI)	AV.E,AU	S,PX,MX	(,An)
D1470	1 040 000 11	CARRON	4.7		:AEP,UK,G,IT)	*	A 4290 627.A	S. WOOFER BOAR	D COMPLE	TE		
R1470	1-249-389-11	CARBUN	4.7	5% (NEEE AV)	1/4W F :AEP,UK,G,IT)		A-4309-021-A	************	•			
R1471	1-249-389-11	CARRON	4.7	5%	1/4W F				(N	1555AV:	AEP,UK,	G.IT)
B14/1	1-243-303-11	OANDON	4.7		:AEP,UK,G,IT)				(1.		, , , , , , ,	-,,
R1481	1-249-429-11	CARBON	10K	5%	1/4W F			< CAPACITOR >				
111401	1 240 420 71	0/11/0010		0.0	(N555AV)							
R1482	1-249-426-11	CARBON	5.6K	5%	1/4W	C1401	1-126-963-11	ELECT	4.7uF	20%	50V	
					(N555AV)	C1402	1-136-171-00	FILM	0.33uF	5%	50V	
					, ,	C1403	1-162-286-21	CERAMIC	220PF	10%	50V	
R1483	1-249-431-11	CARRON	15K	5%	1/4W	C1404	1-126-933-11		100uF	20%	10V	
111400	1 240 401 11	071110014	, , , ,	0,0	(N555AV)	C1405	1-126-967-11		47uF	20%	50V	
R1484	1-249-429-11	CARBON	10K	5%	1/4W							
					(N555AV)	C1406	1-126-968-11	ELECT.	100uF	20%	50V	
R1485	1-247-895-91	CARBON	470K	5%	1/4W	C1407	1-162-294-31		0.001uF	10%	50V	
					(N555AV)	C1408	1-126-965-11		22uF	20%	50V	
R1486	1-249-429-11	CARBON	10K	5%	1/4W	C1410	1-136-495-11		0.068uF	5%	50V	
117.100	. 2.0 120 11	0.0.00		• / •	(N555AV)	C1411	1-136-495-11		0.068uF	5%	50V	
R1487	1-249-419-11	CARBON	1.5K	5%	1/4W F							
					(N555AV)	C1426	1-161-494-00	CERAMIC	0.022uF	30%	25V	
					, ,				(1)	1555AV:	AEP,UK,	G,IT)
R1488	1-249-429-11	CARBON	10K	5%	1/4W	C1451	1-126-963-11	ELECT	4.7uF	20%	50V	
					(N555AV)	C1452	1-136-171-00	FILM	0.33uF	5%	50V	
R1489	1-249-437-11	CARBON	47K	5%	1/4W	C1453	1-162-286-21	CERAMIC	220PF	10%	50V	
					(N555AV)	C1454	1-126-933-11	ELECT	100uF	20%	10V	
R1490	1-249-431-11	CARBON	15K	5%	1/4W							
					(N555AV)	C1455	1-126-967-11		47uF	20%	50V	
R1491	1-249-441-11	CARBON	100K	5%	1/4W	C1456	1-126-968-11		100uF	20%	50V	
					(N555AV)	C1460	1-136-495-11		0.068uF	5%	50V	
R1492	1-249-425-11	CARBON	4.7K	5%	1/4W F	C1461	1-136-495-11	FILM	0.068uF	5%	50V	
					(N555AV)							
								< DIODE >				
R1493	1-249-429-11	CARBON	10K	5%	1/4W							
					(N555AV)	D1401		DIODE 1N4148M				
R1494	1-249-429-11	CARBON	10K	5%	1/4W	D1404		DIODE 1N4148M				
D. / 40.5		0.455011	0.714		(N555AV)	D1451	8-/19-98/-63	DIODE 1N4148M				
R1495	1-249-422-11	CARBON	2.7K	5%	1/4W F			10				
D4400	1 040 005 44	0400011	0.0	F0/	(N555AV)			< IC >				
R1498	1-249-385-11	CARBON	2.2	5%	1/6W F	101401	0.740.000.04	IC CTV A1COMAVO	/NEEEAV/	VEDIIN	C IT\	
D1400	4 040 005 44	CARRON	0.0		:AEP,UK,G,IT)	IC1401		IC STK-4162MK2 IC STK-4152II (N				
R1499	1-249-385-11	CARBON	2.2	5%	1/6W F	IC1401	0-749-941-32	10 31N-413211 (N	DODAV. E,A	US, IVIA,	ra,An)	
				(VACCCVI)	:AEP,UK,G,IT)			< TRANSISTOR >				
		< RELAY >						< IUVIOIOION >				
		< netat >				Q1401	8.720.140.94	TRANSISTOR 25	C1841_DAE	ΔΕΔ		
₽V1204	1_755_1/0 11	DEI VA				Q1451		TRANSISTOR 25				
	1-755-142-11 1-755-142-11					Q1401	U-123-14U-04	TIDITOIOTON 20	5 107 (°1 J\()	r (LF)		
ntioul	1-700-142-11	HELMI						< RESISTOR >				
		< TERMINAL >						TIESIOTOTY				
		\ ILIMINIANE /				R1401	1-249-417-11	CARBON	1K	5%	1/4W	F
TM1201	1-537-842-11	TERMINAL BOARI) (FRON	T SPFAKFI	R)	R1402	1-249-437-11		47K	5%	1/4W	
		. 2	1		-7	R1403	1-249-417-11		1K	5%	1/4W	F

S. WOOFER

TABLE SENSOR

TC CONTROL

TC SW

Ref. No.	Part No.	Description			Ren	nark	Ref. No.	Part No.	Descriptio			Rem	ark
R1404	1-249-437-11		47K	5%	1/4W	_	*	1-659-413-11		ROL BOARD			
R1405	1-249-425-11	CARBON	4.7K	5%	1/4W	F			****	· · · · · · · · · · · · · · · · · · ·			
R1406	1-249-425-11	CARBON	4.7K	5%	1/4W	F	:		< DIODE	>			
R1407	1-249-425-11		4.7K	5%	1/4W	F							
R1408	1-249-425-11	CARBON	4.7K	5%	1/4W	F	D630			SEL5423E-TP15 (▷)			
 ∆ R1409	1-212-881-11		100	5%	1/4W	F	D631			SEL5423E-TP15 (✓)			
▲R1410	1-208-602-11	WIREWOUND	0.22	10%	2W	F	D632			SEL5423E-TP15 (▷)			
							D633	8-719-058-03		SEL5423E-TP15 (✓)	(DEC)	KA)	
R1411	1-249-417-11		1K	5%	1/4W	F	D634	8-719-058-03	אסוטד :	SEL5423E-TP15			
R1412	1-249-431-11		15K	5%	1/4W		Dear	8-719-058-03	DIODE	SEL5423E-TP15			
R1413	1-249-441-11		100K	5%	1/4W	-	D635	0-719-000-00	DIODE	3EL3423E*1F 13			
R1414	1-249-421-11		2.2K	5% 5%	1/4W 1/4W	F F			< RESIST	TOR >			
R1415	1-249-421-11	CARBON	2.2K	370	1/444	Г			\ 11E0101				
R1416	1-249-421-11	CARRON	2.2K	5%	1/4W	F	R538	1-247-815-91	CARBON	220	5%	1/4W	
R1417	1-249-421-11		2.2K	5%	1/4W	F	R539	1-249-411-11	CARBON	330	5%	1/4W	
R1418	1-247-791-91		22	5%	1/4W		R540	1-249-413-11	CARBON		5%	1/4W	F
R1419	1-247-791-91		22	5%	1/4W		R541	1-249-415-11			5%	1/4W	F
R1429	1-249-429-11	CARBON	10K	5%	1/4W		R542	1-249-417-11	CARBON	1K	5%	1/4W	F
							DE 40	1 040 440 44	CADDON	1.5K	5%	1/4W	F
R1437	1-249-438-11		56K	5%	1/4W		R543	1-249-419-11 1-249-421-11			5%	1/4W	F
R1438	1-249-437-11		47K	5%	1/4W	_	R544 R545	1-249-421-11			5%	1/4W	F
△R1443	1-217-637-00		1	5%	1/4W	F	R546	1-249-423-11			5%	1/4W	F
R1451	1-249-417-11		1K 47K	5% 5%	1/4W 1/4W	F	R547	1-249-431-11			5%	1/4W	
R1452	1-249-437-11	CANDUN	4/ N	376	1/444		1 11047	. 210 101 11	0,110011				
R1453	1-249-417-11	CARBON	1K	5%	1/4W	F	R672	1-247-815-91	CARBON	220	5%	1/4W	
R1454	1-249-437-11		47K	5%	1/4W		R673	1-247-815-91	CARBON	220	5%	1/4W	
R1455	1-249-425-11		4.7K	5%	1/4W	F							
R1456	1-249-425-11		4.7K	5%	1/4W	F			< SWITC	H >			
R1457	1-249-425-11	CARBON	4.7K	5%	1/4W	F				T40711 5 (5 5) (DE01	(P)		
							S539	1-554-303-21		, TACTILE (►►)(DECK			
R1458	1-249-425-11		4.7K	5%	1/4W	F	S540			, TACTILE (◄◄)(DECK			
△R1459	1-212-881-11		100	5%	1/4W	F	S541			, TACTILE ()(DECK B			
△R1460		WIREWOUND	0.22	10%	2W	F	S542 S543	1-554-303-21		, TACTILE (▷)(DECK , TACTILE (◁)(DECK			
R1461	1-249-417-11 1-249-431-11		1K	5% 5%	1/4W 1/4W	F	3343	1-334-303-21	SWITCH	, IACTILL (T)(DEON	U,		
R1462	1-249-431-11	CANDUN	15K	J 76	1/498		S544	1-554-303-21	SWITCH.	, TACTILE (C)(DECK	A)		
R1463	1-249-441-11	CARRON	100K	5%	1/4W		S545			, TACTILE (
R1468	1-247-791-91		22	5%	1/4W		S546	1-554-303-21	SWITCH	, TACTILE (►►)(DECK	(A)		
R1469	1-247-791-91		22	5%	1/4W		S547	1-554-303-21	SWITCH	, TACTILE (◄◄)(DECK	(A)		
		METAL OXIDE		5%	2W	F	S548	1-554-303-21	SWITCH	, TACTILE (■)(DECK A	1)		
											***	*****	****
		< RELAY >					*******	****		कुर स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्थान स्था	4-4-4-4-		
RV1401	1-755-142-11	RELAY					*	1-659-412-11	TC SW B	BOARD			
1111401	1 100 142 11	1122711							*****	****			
*****	*****	*****	*****	******	*****	****			. OONING	ECTOD .			
	4 050 050 10	TABLE CENOOS S	0400						< CONNE	CUIUR >			
*	1-659-058-13	TABLE SENSOR B					* CN503	1-568-945-11	PIN. COI	NNECTOR 7P			
							0.1000	. 000 010 17	,				
		< IC >							< DIODE	>			
10000	0 740 004 40	DUOTO INTERPL	חדרט טטי	1201			D628	8-710-058-17	DIODE	LNJ401NPYJA (II)			
IC202	8-749-924-18	PHOTO INTERRU	PIEK KPI	-1391			D629			LNJ801LPDJA (● RE	C)		
		< RESISTOR >					3020	2			,		
R207	1-249-416-11	CARBON	820	5%	1/4W	F							
د خدست استوان استوان	. د . د . د . د . د . د . د . د . د . د	******	***	****		***	1						
ホテオネネ 本本本	~~~~ * ***	· · · · · · · · · · · · · · · · · · ·		~~~~***		********		nponents iden		Les composants i	denti	ifiés par	une
							1	or dotted line v	with mark	marque 🛆 sont	critic	ques pou	rla
							i //\ are crif	ical for safety		i securite.			1

⚠ are critical for safety.

Replace only with part number specified.

Ne les remplacer que par une piéce portant le numéro spécifié.

TC SW TCB

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description			Rer	<u>nark</u>
		< RESISTOR >				C43	1-126-962-11		3.3uF	20%	50V	
		0.00001	4	==:		C44	1-162-306-11	CERAMIC	10000PF	30%	16V	
R533	1-249-419-11	CARBON	1.5K	5%	1/4W F			FLEOT	477 .	000/	4014	
R534	1-249-421-11	CARBON	2.2K	5%	1/4W F	C45	1-124-589-11		47uF	20%	16V	
R535	1-249-423-11	CARBON	3.3K	5%	1/4W F	C46	1-162-600-11	CERAMIC	4700PF	30%	16V	
R536	1-249-427-11	CARBON	6.8K	5%	1/4W F	C47	1-162-294-31	CERAMIC	0.001uF	10%	50V	
R537	1-249-431-11	CARBON	15K	5%	1/4W	C48	1-126-160-11	ELECT	1uF	20%	50V	
			(D670AV/N	1555QV	:AEP,UK,G,IT)	C49	1-136-159-00	METALIZED FILM	0.033uF	5%	50V	
			Ť						(N555A	W:E,AU	S,AR,M	X,PX)
R590	1-249-417-11	CARBON	1K	5%	1/4W F	040	1 100 100 00	AAETAL IZED EILAA	0.000	E0/	501/	
		< SWITCH >				C49	1-136-160-00	METALIZED FILM	0.039ur	5%	50V (D6)	70AV)
		(011110117				C50	1-136-159-00	METALIZED FILM	0.033uE	5%	50V	,
S533	1-554-303-21	SWITCH, TACTILI	CD SYNC	HBU)			1 100 100 00				S,AR,M	Y PY\
S534	1-554-303-21	SWITCH, TACTILI		,	DINC)	C50	1-136-160-00	METALIZED FILM		5%	50V	Λ,ι Λ,
				בט טטנ	obliva)	050	1-130-100-00	INICIALIZED FILINI	0.00501	J /0		70AV)
S535	1-554-303-21	SWITCH, TACTILI	, ,			054	4 400 000 44	OFDAMMO	470000	000/	•	(UAV)
S536	1-554-303-21	SWITCH, TACTILE				C51	1-162-600-11	CERAMIC	4700PF	30%	16V	70.41.0
S537	1-554-303-21	SWITCH, TACTILE	(DIRECTIO	N)							•	70AV)
						C52	1-162-600-11	CERAMIC	4700PF	30%	16V	
S538	1-554-303-21	SWITCH, TACTILE									(D67	70AV)
			(D670AV/N	1555AV	:AEP,UK,G,IT)							
						C53	1-126-964-11	ELECT	10uF	20%	50V	
******	******	******	******	*****	*****	C54	1-126-157-11	ELECT	10uF	20%	16V	
						C55	1-126-964-11		10uF	20%	50V	
*						C56	1-126-964-11		10uF	20%	50V	
	A_4303_510_A	TCB BOARD, COM	ADLETE (DAT	704\/\		C57	1-164-159-21		0.1uF	2070	50V	F
	A-4000-010-A	********	,	,		037	1-104-133-21	OLITAINIO	o. rui		30 0	'
						C58	1-162-306-11	CERAMIC	10000PF	30%	16V	
*	A-4303-513-A	TCB BOARD.COM	PLETE			C59	1-164-159-21	CERAMIC	0.1uF		50V	F
		*****				C61	1-164-159-21		0.1uF		50V	F
			(N5554	W-F AII	S,AR,MX,PX)	C62	1-126-967-11		47uF	20%	16V	•
			(11000)	,,,	0,7411,10174,1747	C63	1-164-159-21		0.1uF	2070	50V	F
		< CAPACITOR >				000	1 104 100 21	CENTAINO	0.141		00 •	
						C64	1-124-902-00	ELECT	0.47uF	20%	50V	
C1	1-162-294-31	CERAMIC	0.001uF	10%	50V	C65	1-124-903-11	ELECT	1.0uF	20%	50V	
C2	1-126-967-11	ELECT	47uF	20%	16V	C66	1-124-903-11	ELECT	1.0uF	20%	50V	
C3	1-164-159-21	CERAMIC	0.1uF		50V	C67	1-126-964-11		10uF	20%	50V	
C5	1-162-306-11	CERAMIC	10000PF	30%	16V	C68	1-162-306-11		10000PF	30%	16V	
C6	1-162-306-11	CERAMIC	10000FF	30%	16V	000	1 102 000 11	OLI WWIIO	1000011	00 /0	100	
00	1-102-000-11	OLIMANO	1000011	50 /0	104	C69	1-162-306-11	CEDAMIC	10000PF	30%	16V	
67	1 101 004 00	CEDARAIC	0.01		EOU	1	1-162-306-11		10000FF			
C7	1-101-004-00	CERAMIC	0.01uF	000/	50V	C70				30%	16V	
C8	1-162-306-11	CERAMIC	10000PF	30%	16V	C71	1-162-306-11		10000PF	30%	16V	
C9	1-162-306-11	CERAMIC	10000PF	30%	16V	C73	1-162-306-11		10000PF	30%	16V	
C11	1-164-159-21		0.1uF		50V	C74	1-126-964-11	ELECT	10uF	20%	50V	
C12	1-162-198-31	CERAMIC	8.2PF	10%	50V							
044	4 400 555	0504440	400000	0.007	401			< FILTER >				
C14	1-162-306-11		10000PF	30%	16V		. =					
C21	1-102-959-00		22PF	5%	50V	CF1		FILTER, CERAMIC				
C22	1-164-159-21	CERAMIC	0.1uF		50V	CF2	1-567-389-11	FILTER, CERAMIC				
C23	1-162-306-11	CERAMIC	10000PF	30%	16V							
C24	1-126-967-11	ELECT	47uF	20%	16V			< CONNECTOR >				
C25	1-162-306-11	CERAMIC	10000PF	30%	16V	* CN1	1-568-832-11	SOCKET, CONNECT	TOR 13P			
C26	1-126-964-11		10uF	20%		3111	1 000 002 11	SSUME, SOME	. 311 101			
				ZU /0				- DIODE -				
C27	1-164-159-21		0.1uF	000/	50V			< DIODE >				
C28	1-124-925-11		2.2uF				0.740.770.57	BIARE IMPACE				
C29	1-102-518-11	CERAMIC	33PF	5%	50V	D1		DIODE HZS6A1L				
_						D2	8-719-987-63	DIODE 1N4148M				
C30	1-162-294-31		0.001uF	10%								
C31	1-162-306-11	CERAMIC	10000PF	30%	16V							
C41	1-126-933-11	ELECT	100uF	20%	10V	1						

TCB

Ref. No.	Part No.	Description			Rem	<u>iark</u>	Ref. No.	Part No.	Description			Rem	<u>ark</u>	
		< FRONTEND :	>				R28 R29	1-249-423-11 1-249-417-11		3.3K 1K	5% 5%	1/4W 1/4W	F	
FE1 FE2		ENCAPSULATE ENCAPSULATE					R30	1-249-417-11		1K	5%	1/4W	F	
							R31	1-249-417-11	CARBON	1K	5%	1/4 W	F	
		< IC >					R32	1-249-417-11	CARBON	1K	5%	1/4W	F	
							R33	1-247-807-31	CARBON	100	5%	1/4W		
IC1 IC2	8-759-288-54 8-759-176-03	IC LC72130					R34	1-249-429-11	CARBON	10K	5%	1/4W		
102	0 700 170 00	,0 2,1,000					R35	1-249-429-11	CARBON	10K	5%	1/4W		
		< IFT >					R36	1-249-437-11	CARBON	47K	5%	1/4W		
		\ II 1 /					R37	1-249-417-11		1K	5%	1/4W	F	
IFT41	1_400_636_11	TRANSFORME	R IF (CERAMIC	FILTE	R)		R41	1-249-429-11		10K	5%	1/4W		
11/14/1	1-405-030-11	TIANSI OTNIL	in, ii (OLIUMine	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	''		R43	1-249-423-11		3.3K	5%	1/4 W	F	
		< COIL >					R44	1-249-423-11	CARRON	3.3K	5%	1/4W	F	
1.44	4 440 440 44	MIODO INDUO	TOD (EL TVDE)	1 m U			R46	1-249-442-11		510	5%	1/4W		
L41	1-410-119-11	MICRO INDUC	TOR (EL TYPE)	IIIII			1	1-249-399-11		33	5%	1/4W	F	
							R47				5%	1/4W	F	
		< FILTER >					R48	1-249-423-11		3.3K		1/4W	F	
1.0544	4 000 045 44	FUTED LOW!	DACC (DC70A)()				R49	1-249-393-11	CARBON	10	5%	1/4 VV	٢	
LPF41		FILTER, LOW F	, ,				DEO	1 040 400 11	CADDON	10K	5%	1/4W		
LPF42	1-239-845-11	FILTER, LOW F	PASS (D6/UAV)				R50	1-249-429-11			5%	1/4W		
			_				R51	1-249-441-11		100K		1/4W		
		< TRANSISTOI	R>				R52	1-249-429-11		10K	5%		_	
							R53	1-249-425-11		4.7K	5%	1/4W	F	
Q1		TRANSISTOR					R54	1-249-425-11	CARBON	4.7K	5%	1/4W	F	
Q2		TRANSISTOR									50/	4 / 45 8 /	_	
Q3		TRANSISTOR					R99	1-249-399-11	CARBON	33	5%	1/4W	F	
Q4		TRANSISTOR												
Q5	8-729-422-57	TRANSISTOR	UN4111						< VARIABLE RESI	STOR >				
		< RESISTOR >					RV41	1-238-600-11	RES, ADJ, CARBO	N 10K				
							RV42	1-238-601-11	RES, ADJ, CARBO	N 22K				
R1	1-249-401-11	CARBON	47	5%	1/4W	F								
R2	1-249-411-11	CARBON	330	5%	1/4W				< TERMINAL >					
R3	1-249-411-11	CARBON	330	5%	1/4W									
R5	1-249-411-11	CARBON	330	5%	1/4W		TM1	1-537-238-21	TERMINAL BOAR	D (ANTENN	NA)			
R6	1-247-863-91	CARBON	22K	5%	1/4W									
57	1 040 444 44	CARRON	220	E0/	4 / 414/				< VIBRATOR >					
R7	1-249-411-11		330	5%	1/4W		Vot	1 700 540 11	VIBRATOR, CRYS	TAL /4 584	⊔ -/\			
R8	1-249-411-11		330	5%	1/4W		X21							
R9	1-247-863-91		22K	5%	1/4W		X41		OSCILLATOR, CE					
R10	1-249-411-11		330	5%	1/4W		X42		FILTER, CERAMIC					
R11	1-247-863-91	CARBON	22K	5%	1/4W		X43	1-52/-981-00	FILTER, CERAMIC	(45UKHZ)				
R12	1-249-411-11	CARBON	330	5%	1/4W		******	*****	*****	******	*****	*****	***	
R13	1-249-411-11		330	5%	1/4W		1							
R14	1-247-863-91		22K	5%	1/4W									
R15	1-249-429-11		10K	5%	1/4W									
R16	1-249-437-11		47K	5%	1/4W									
1110	1.549.401.11	071110011	771	0,70	.,									
R19	1-249-399-11		33	5%	1/4W	F								
R21	1-247-807-31		100	5%	1/4W									
R22	1-249-425-11	CARBON	4.7K	5%	1/4W	F								
R23	1-249-425-11	CARBON	4.7K	5%	1/4W	F								
R24	1-249-425-11		4.7K	5%	1/4W	F								
R25	1-247-807-31		100	5%	1/4W									
R26	1-249-411-11		330	5%	1/4W	_								
R27	1-249-425-11	CARBON	4.7K	5%	1/4W	F								

ТСВ

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Description	l			Remark
*	A-4303-502-A	TCB BOARD, COM	MPLETE			C49	1-124-902-00	ELECT		0.47uF	20%	50V
				T Malay	/sia product)	C50	1-124-903-11			1.0uF	20%	50V
		******				C51	1-124-903-11	ELECT		1.0uF	20%	50V
				(N55	5AV:AEP,UK)							
						C52	1-126-964-11			10uF	20%	50V
*	A-4303-503-A	TCB BOARD, CON	IPLETE (N5	55AV:11	,G)	C53	1-126-964-11	ELECT		10uF	20%	50V
		*********	******	*****	****	C54	1-126-157-11	ELECT		10uF	20%	16V
						C55	1-126-157-11	ELECT		10uF	20%	16V
*	A-4303-514-A	TCB BOARD, COM	IPLETE (M	ialaysia	product)	C56	1-126-157-11	ELECT		10uF	20%	16V
		*******	*****	*****	*******							
				(N	555AV:AEP)	C57	1-163-017-00	CERAMIC	CHIP	0.0047uF	5%	50V
						C58	1-163-017-00	CERAMIC	CHIP	0.0047uF	5%	50V
		< CAPACITOR >				C59	1-163-809-11	CERAMIC	CHIP	0.047uF	10%	25V
						C60	1-163-809-11		CHIP	0.047uF	10%	25V
C1	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V	C61	1-126-301-11	ELECT		1uF	20%	50V
C2	1-126-967-11	ELECT	47uF	20%	16V							
C3	1-163-038-91	CERAMIC CHIP	0.1uF	25V		C62	1-163-141-00	CERAMIC	CHIP	0.001uF	5%	50V
C5	1-163-031-11	CERAMIC CHIP	0.01uF	50V		C63	1-163-017-00		CHIP	0.0047uF	5%	50V
C6	1-163-038-91	CERAMIC CHIP	0.1uF	25V		C64	1-126-967-11	ELECT		47uF	20%	16V
						C65	1-163-031-11		CHIP	0.01uF	50V	
C8	1-163-031-11	CERAMIC CHIP	0.01uF	50V		C66	1-126-162-11	ELECT		3.3uF	20%	50V
C9	1-163-031-11	CERAMIC CHIP	0.01uF	50V								
C10	1-163-031-11	CERAMIC CHIP	0.01uF	50V		C67	1-126-933-11	ELECT		100uF	20%	10V
C11	1-216-295-91	CONDUCTOR, CH	IP(2012)(N	555AV:I	T,G)	C68	1-162-306-11	CERAMIC		0.01uF	30%	16V
C16	1-163-038-91	CERAMIC CHIP	0.1uF	25V		C71	1-162-306-11	CERAMIC		0.01uF	30%	16V
						C72	1-126-967-11	ELECT		47uF	20%	16V
C19	1-163-249-11	CERAMIC CHIP	82PF	5%	50V	C120	1-163-105-00	CERAMIC	CHIP	33PF	5%	50V
				(N5	55AV:AEP,UK)							
C21	1-163-141-00	CERAMIC CHIP	0.001uF	5%	50V			< FILTER >				
C22	1-163-031-11	CERAMIC CHIP	0.01uF	50V		ĺ						
C23	1-163-235-11	CERAMIC CHIP	22PF	5%	50V	CF1	1-579-374-71	FILTER, CE	RAMIC			
C24	1-163-239-11	CERAMIC CHIP	33PF	5%	50V	CF2	1-760-393-11	FILTER, CE	RAMIC			
						CF3	1-760-393-11	FILTER, CE	RAMIC			
C26	1-126-967-11	ELECT	47uF	20%	16V							
C28	1-126-967-11	ELECT	47uF	20%	16V			< CONNEC	TOR >			
C29	1-162-306-11		0.01uF	30%	16V							
C30	1-124-925-11		2.2uF	20%	100V	* CN1	1-568-834-11	SOCKET, C	ONNEC.	TOR 15P		
C31	1-163-031-11	CERAMIC CHIP	0.01uF	50V								
								< DIODE >				
C32	1-163-038-91		0.1uF	25V								
C33	1-163-038-91		0.1uF	25V		D21	8-719-976-XX					
C34	1-163-091-00	CERAMIC CHIP	8PF		50V	D41	8-719-016-74	DIODE 19	S352			
					N555AV:IT,G)							
C34	1-163-229-11	CERAMIC CHIP	12PF		50V			< FRONTE	ND >			
005	4 400 000 01	OFDALMO OUR	0.45		55AV:AEP,UK)	CC.	4 000 540 44	EDON'T C'''		NO		
C35	1-163-038-91	CERAMIC CHIP	0.1uF	25V		FE1	1-233-542-11		,	,	C /AICCO	ALCA CO UIZ
000	4 400 444 00	OFDARRO CHID	0.004	E0/	EOV.	FE2	1-233-514-11				•	
C36		CERAMIC CHIP	0.001uF	5%	50V	FE2	1-239-260-11	ENGAPSUL	AIED C	OMPONEN'	לכלמו) ו	AV:11,G)
C37		CERAMIC CHIP	0.001uF	5%	50V			10				
C39		CERAMIC CHIP	0.001uF	5%	50V			< IC >				
C40		CERAMIC CHIP	0.01uF	50V		1004	0.750.000.54	10 10704				
C41	1-163-031-11	CERAMIC CHIP	0.01uF	50V		IC21	8-759-288-54					
CAD	1 160 000 01	CEDAMIC CUID	0.105	OEM		IC41	8-759-176-03	IU LA183	J			
C42		CERAMIC CHIP	0.1uF	25V				. ICT				
C43		CERAMIC CHIP	0.1uF	25V				< IFT >				
C44		CERAMIC CHIP	0.01uF	50V		IET 44	4 400 000 44	TDANCECC	MED "	E (OEDALA)	· Eil Ter	3)
C45		CERAMIC CHIP	0.1uF	25V	25//	IFT41	1-409-636-11	I KANSTUH	uvien, il	r (UERAIVII)	, FILIE	ر٦)
C46	1-103-077-00	CERAMIC CHIP	0.1uF	10%	25V			HIMDED	DECIC	rnp 、		
C47	1,106 067 14	ELECT	47E	200/	161/			< JUMPER	uE9191	iun>		
C47	1-126-967-11	CERAMIC CHIP	47uF 0.01uF	20% 50V	16V	JR1	1-216-295-91	METAL CL	-IIÞ	0	5%	6 1/10W
070	1-100-001-11	VERMING OTHE	0.0101	JU V		1 7171	1-710-720-91	WILIAL U	111	J		N555AV:IT,G)
											((4000A4.II,G)

Ref. No.	Part No.	Description			Remark	Ref. No.	Part No.	Descriptio	<u>n</u>			Remark
	1-216-295-91		HP 0	5%			1-216-037-00	AMETAI	CHIP	330	5%	1/10W
JR2	1-210-290-91	WEIAL C	יור ט		i/1044 (AV:AEP,UK		1-216-037-00			330	5%	1/10W
100	1 010 005 01	MACTAL CL	HIP 0	(N333) 5%			1-216-037-00			330	5%	1/10W
JR3	1-216-295-91	WEIAL U	יור ט				1-216-037-00			22K	5%	1/10W
IDC	1 010 005 01	METAL CH	∃IP 0	5%	555AV:IT,G) 1/1 0W		1-210-001-00	MILIAL	OIM	221	Q 70	17 1011
JR6	1-216-295-91			5% 5%			1-216-037-00	METAL	CHIP	330	5%	1/10W
JR7	1-216-295-91	IVIETAL C	117 0			1	1-216-037-00			330	5%	1/10W
				(14	555AV:IT,G)	R9	1-216-081-00			22K	5%	1/10W
150	4 040 005 04	METAL CH		5%	1/1 0W	ſ	1-216-037-00			330	5%	1/10W
JR8	1-216-295-91	METAL C	HP 0			1	1-216-081-00			22K	5%	1/10W
100	4 040 005 04	METAL CH	HP 0	(N555) 5%	(AV:AEP,UK 1/10W	1	1-210-001-00	MILIAL	OTT	LLIN	0 / 0	177044
JR9	1-216-295-91	IVIETAL CE	יור ט		AV:AEP,UK)	1	1-216-037-00	METAL	CHIP	330	5%	1/10W
1045	1 216 205 01	METAL CH	HP 0	(NSSS			1-216-037-00			330	5%	1/10W
JR45	1-216-295-91			5% 5%		R14	1-216-081-00			22K	5%	1/10W
JR46	1-216-296-91	METAL CH		5% 5%		ı	1-216-073-00			10K	5%	1/10W
JR47	1-216-295-91	METAL CH	יור ט	5%	1/1044	n i o	1-210-073-00	MILIAL	OTTI	1010		5AV:AEP,UK)
10.40	4 040 005 04	AMETAL CL	HIP 0	5%	1/10W	R19	1-216-073-00	META	CHIP	10K	5%	1/10W
JR48	1-216-295-91	METAL CH		5% 5%		nis	1-210-075-00	IVILIAL	Oilli	101		55AV:AEP,UK)
JR49	1-216-296-91	METAL CH		5% 5%		,					(1100	707117121,011,
JR51	1-216-295-91	MEIAL U	TIP U				1-216-049-91	METAL	CHID	1.0K	5%	1/10W
1050	4 040 005 04	AAFTAL CI	up o		(AV:AEP,UK 1/10W		1-216-049-91			1.0K	5%	1/10W
JR52	1-216-295-91	METAL CH		5% 5%			1-216-049-91			1.0K	5%	1/10W
JR53	1-216-296-91	MEIAL CI	117 0				1-216-025-91			100	5%	1/10W
				(IVOOO	AV:AEP,UK)		1-249-417-11			1K	5%	1/4W F
1554	4 040 005 04	METAL OL	IID 0	E0/	1/10W	R25	1-249-417-11	UANDUN		11%	3 /0	1/700
JR54	1-216-295-91	METAL CH	HIP 0	5%	1/1044	i i	1-249-437-11	CARBON		47K	5%	1/4W
		UMPED	DECICTOR.			R26 R27	1-249-429-11			10K	5%	1/4W
		< JUMPER	RESISTOR >				1-249-417-11			1K	5%	1/4W F
	4 040 440 44	04000014	70 50/ 4/4144			R28	1-216-061-00			3.3K	5%	1/10W
JW4	1-249-413-11		70 5% 1/4W			R29	1-216-186-00			330	5%	1/8W
JW5	1-249-413-11	CARBON 4	/U 5% 1/4W			R30	1-210-100-00	METAL	Unir	330	3 /0	17044
		. 0011 -				R31	1-216-025-91	METAL	CHIP	100	5%	1/10W
		< COIL >				R32	1-249-425-11			4.7K	5%	1/4W F
1.0	4 444 440 44	MICDO INC	UCTOR 1L			R33	1-249-425-11			4.7K	5%	1/4W F
L2	1-414-142-11		DUCTOR 10H DUCTOR 100uH	1		R34	1-216-065-00			4.7K	5%	1/10W
L3 L4	1-410-521-11			,		R35	1-216-214-00			4.7K	5%	1/8W
L4 L41	1-410-515-11		OUCTOR 4.7mH	/NEEEAV/-AE	DIIK)	1100	1-210-214-00	MICIAL	01111	7.714	970	17011
L41			DUCTOR (EL TY			R36	1-216-025-11	METAL	CHIP	100	5%	1/10W
L4 I	1-410-119-11	WIICHO INL	DOTOR (EL 11	r =) 111111 (N	JJJAV.11,U)	R37	1-216-073-00			10K	5%	1/10W
		< FILTER >				R38	1-216-089-11			47K	5%	1/10W
		< FILIEN >				R39	1-249-429-11			10K	5%	1/4W
LPF41	1-239-845-11	ENTED IO	NA/ DACC			R42	1-216-073-00			10K	5%	1/10W
LPF42	1-239-845-11					1142	1 210 010 00	14121742	01111	1011	0,0	
LITTE	1-203-040-11	ricient, co	WIAGO			R43	1-216-042-00	METAL	CHIP	510	5%	1/10W
		< TRANSIS	TOR ~			R44	1-216-013-00			33	5%	1/10W
		< IIIANOIO				R45	1-249-423-11			3.3K	5%	1/4W F
Q1	8-720-201-27	TRANSIST	OR 2SC2715Y	,		R46	1-216-073-00			10K	5%	1/10W
Q2			OR 2SC2715Y			R47	1-216-097-91			100K	5%	1/10W
Q3			OR 2SC2715Y									
Q4			OR 2SC2715Y			R48	1-249-417-11	CARBON		1K	5%	1/4W F
Q5	8-729-424-08					R49	1-216-049-91			1.0K	5%	1/10W
40	0 725 424 00	110,000	011 0112111			R50	1-216-065-00			4.7K	5%	1/10W
Q9	8-729-216-22	TRANSIST	OR 2SA1162-	G (N555AV-4	VEP.UK)	R51	1-216-065-00			4.7K	5%	1/10W
Q11			OR UN2211 (!	*		R53	1-249-429-11			10K	5%	1/4W
Q12			OR UN2211 (I									
Q13			OR UN2211 (I			R55	1-216-162-00	METAL	CHIP	33	5%	1/8W
Q14			OR UN2211 (I		,	R56	1-249-393-11			10	5%	1/4W F
דונט	0 120 721 22		J		,	R91	1-216-295-91			0	5%	1/10W
		< RESISTO)R >				5 200 01			-		55AV:AEP,UK)
		~ . ILOIO I C				R92	1-216-073-00	METAL	CHIP	10K	5%	1/10W
R1	1-249-401-11	CARRON	47	5%	1/4W F					• •		55AV:AEP,UK)
•••	, 210 101 11		**	- / -							,	

TCB TRANS

Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	1 Remark
						< TRANSI	FORMER >
		< VARIABLE RESISTOR >		A T4004	4 400 000 44	TDANCEO	DAMED DOWNED (NICEEN) AEDILIK O IT)
RV41	1-238-601-11	RES, ADJ, CARBON 22K		▲ T1601 ▲ T1601	1-429-338-11 1-429-339-11		RMER, POWER (N555AV:AEP,UK,G,IT) RMER, POWER (D670AV)
RV42		RES, ADJ, CARBON 10K		∆ T1601			RMER, POWER
							(N555AV:E,AUS,PX,MX,AR)
		< TERMINAL >				< SWITCH	15
TM1	1-537-488-11	TERMINAL BOARD (ANT) (ANTE	NNA)			COMMICE	1>
		< VIBRATOR >	•	∆VS1601	1-572-675-11	,	POWER VOLTAGE CHANGE VOLTAGE SELECTOR)(N555AV:E,PX,AR)
						,	VOLINGE GEELS FOR MICOURTER, MANUAL
X21		VIBRATOR, CRYSTAL (4.5MHz)		*****	******	*****	**********
X41 X42		FILTER, CERAMIC (10.7MHz) FILTER, CERAMIC (450KHz)				MISCELL/	
X43		OSCILLATOR, CERAMIC (456KH)	z)				
		•	•	3			AT TYPE)(13 CORE)
******	******	**********	*******	3			AT TYPE)(15 CORE)(N555AV:AEP,UK)
*	1-659-218-11	TRANS BOARD (D670AV)		* 57 * 152			RD (N555AV:E,AUS,PX,MX,AR) DARD (D670AV)
	1 000 210 11	******		* 152			DARD (D555AV)
							,
*	1-660-805-11	TRANS BOARD (N555AV)		153			AT TYPE)(13 CORE)
		** ** ** ** ** ** ** ** ** ** ** ** **		156 156	1-769-069-11	WIRE (FL	AT TYPE)(16 CORE)(N555AV:AEP) AT TYPE)(15 CORE)(N555AV:AEP,UK)
	1-533-217-31	HOLDER, FUSE		157	1-777-046-11		AT TYPE)(19 CORE)
				158		,	AT TYPE)(21 CORE)
		< CAPACITOR >		450	4 700 040 44	141105 (5)	T 7/25/44 0075
C1600	1-164-159-21	CERAMIC 0.1uF	50V	159 160	1-769-949-11 1-590-578-11		AT TYPE)(11 CORE) AT TYPE)(19 CORE)
C1601	1-164-159-21	CERAMIC 0.1uF	50V (N555AV)	160	1-773-153-11	,	AT TYPE)(21 CORE)
			,	160	1-773-219-11		AT TYPE)(25 CORE)
		< CONNECTOR >		162	1-569-007-11	ADAPTER	, CONVERSION 2P (N555AV:PX)
* CN1601	1-535-139-00	BASE POST 14MM (10MM	APITCH) 2P	162	1-569-008-11	ADAPTER	, CONVERSION 2P (N555AV:AR)
0111001	1 000 100 00	•	1555AV:E,PX,MX)	162	1-569-008-21		, CONVERSION 2P (N555AV:AR)
CN1601	1-774-108-11			* 357	1-452-538-11	MAGNET	
0314.00.4	4 504 504 44	(D670AV/N555AV:AEP	UK,G,IT,AUS,AR)	△401	8-848-387-01		PICK-UP KSS-213BA/S-N
UN1604	1-564-524-11	PLUG, CONNECTOR 9P		402	1-769-069-11	WIRE (FL/	AT TYPE)(16 CORE)
		< FUSE >		△ CNP160	1 1-558-943-51	CORD, PO	WER (N555AV:E,PX,MX)
				△ CNP160	1 1-575-042-21	CORD, PO	WER (D670AV)
△F1601		FUSE, TIME-LAG (6.3A 250V)(N5	*	1	1 1-575-651-21		WER (N555AV:AEP,G,IT,AR)
△ F1602 △ F1603		FUSE, TIME-LAG (6.3A 250V)(N5 FUSE, TIME-LAG (4A 250V)(N55			1 1-696-845-11		WER (N555AV:AUS) WER (N555AV:UK)
△F1603		FUSE, GLASS CYLINDRICAL (DIA		250181 100	11-731-322-11	00110, 10	WER (NOSSAV.DR)
			(D670AV:US)	 ∆F1601	1-532-506-31		IE LAG (6.3A, 250V)(N555AV)
△ F1603	1-533-419-11	FUSE, GLASS CYLINDRICAL (DIA	A.5)(4A 125V) (D670AV:CND)	 ▲ F1602 ▲ F1603	1-532-506-31		IE LAG (6.3A, 250V)(N555AV)
 ∆F1604	1-532-465-31	FUSE, TIME-LAG (3.15A 250V)	(DOLOVA'OND)	Z1\r1003	1-532-504-31	FUSE, HIV	IE LAG (4A, 250V) (N555AV:E,PX,MX,AR)
		(N555AV:AEP,UK,G	,IT,E,AUS,PX,AR)	▲F1603	1-533-420-11	FUSE, GL	ASS CYLINDRICAL (DIA.5)(5A, 125V)
		< RESISTOR >		▲F1603	1-533-419-11	FUSE GL	(D670AV:US) ASS CYLINDRICAL (DIA.5)(4A, 125V)
				2311000	1 000 410 11	1001, 01	(D670AV:CND)
△R1600	1-202-725-00	SOLID 3.3M 1	0% 1/2W		4 =00 40= 04		
 ∆R1601	1-219-124-81	FUSIBLE 0.68 5	(D670AV) % 1/4W F	 ∆F1604	1-532-465-31	FUSE, TIM	IE-LAG (3.15A 250V) (N555AV;AEP,UK,G,IT,E,AUS,PX,AR)
△R1602	1-219-120-11			FL501	1-517-490-21	INDICATO	R TUBE, FLUORESCENT
 ∆ R1603	1-219-120-11		% 1/4W F	HP101	1-500-093-11		GNETIC (PLAYBACK)
					111-500-094-11	HEAD, MA	AGNETIC (REC/PB/ERASE)
				^I М1	X-3371-223-1	MOTOR A	SSY (CAPSTAN)
					ponents ident		Les composants identifiés par une
					or dotted line v	vith mark	marque A sont critiques pour la
					cal for safety. only with part	number	sécurité. Ne les remplacer que par une piéce
				specified.	www.pari		portant le numéro spécifié.
				-			<u> </u>

Ref. No.	Part No.	Description	Remark
M2 M101 M102 M201 S101	A-2004-410-A X-4917-523-4 X-4917-504-1 A-4660-977-A 1-572-085-11	MOTOR ASSY (TRIGGER) MOTOR ASSY (SPINDLE) MOTOR ASSY (SLED) MOTOR ASSY (TABLE) SWITCH, LEAF (LIMIT)	
ΔT1601 ΔT1601 ΔT1601	1-429-338-11 1-429-339-11 1-429-340-11	TRANSFORMER, POWER (N555AV:AE TRANSFORMER, POWER (D670AV) TRANSFORMER, POWER (N555AV:E,AUS	
*****	*****	************	******
		& PACKING MATERIALS	
*	1-473-608-11 4-979-431-01 4-980-140-01 4-981-643-01	REMOTE COMMANDER (RM-SE1AV) CUSHION (BOTTOM) CUSHION (UPPER) COVER, BATTERY (for RM-SE1AV)	
******	*****	*********	******

#1 #2 #3 #4 #5	7-685-646-79 7-685-871-01 7-682-560-04 7-685-650-79 7-621-770-67	SCREW +BVTP 3X8 TYPE2 N-S SCREW +BVTT 3X6 (S) (D670AV) SCREW +BVTT 4X6 (S)(N555AV) SCREW +BVTP 3X16 TYPE2 IT-3 SCREW +BVTT 2.6X6 (S)	
#6 #7 #8 #9 #10	7-685-131-19 7-685-534-19 7-621-775-10 7-685-533-19 7-623-921-01	SCREW +BTP 2.6X4 TYPE2 N-S SCREW +BTP 2.6X8 TYPE2 N-S SCREW +B 2.6X4 SCREW +BTP 2.6X6 TYPE2 N-S RING, RETAINING, CAPSTAN	
#11 #12	7-621-775-00 7-621-255-15	SCREW +B 2.6X3 SCREW +P 2X3	

The components identified by mark △ or dotted line with mark △ are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque ∆ sont critiques pour la sécurité.

Ne les remplacer que par une piéce portant le nurnéro spécifié.

SS-LB555AV

SERVICE MANUAL



AEP Model UK Model E Model Tourist Model

This set is the speaker system in LBT-N455K, LBT-N555AV and V4500.

Photo: L-ch

SPECIFICATIONS

Speaker system 3-way speaker system Speaker units

Super woofer: 17 cm dia, cone type Woofer: 17 cm dia., cone type Tweeter: 6 cm dia., cone type Super tweeter: 2 cm dia., dome type

Nominal impedance 6 ohms

Dimensions

Approx. $240 \times 500 \times 370$ mm $(9^{1}/2 \times 19^{3}/4 \times 14^{5}/8 \text{ inches})$ (w/h/d) incl. front grille

Mass

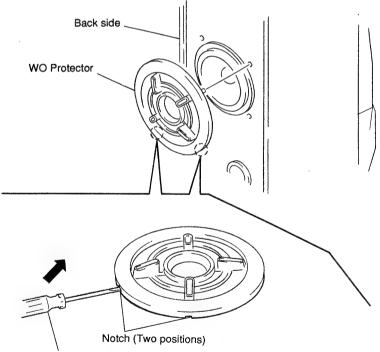
Approx. 9.2 kg (20 lb 5 oz.) per

speaker

Design and specifications subject to change without notice.

NOTE FOR REMOVING WO PROTECTOR

Note: When installing, be sure to install in the same direction as when it was removed.



Put the screwdriver into a notch, and rise it in the dinection of arrow so that WO Protector is removed.

Pay your attention not to take scratches on the set.

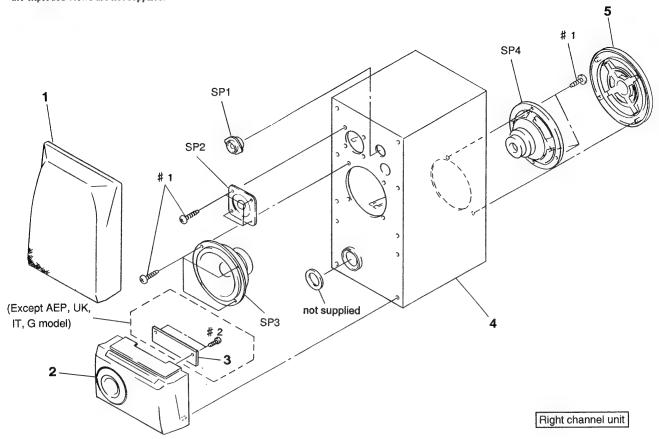


EXPLODED VIEWS

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation

G : German model IT : Italian model



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
$\frac{1}{2}$		FRAME ASSY, GRILLE PANEL (L) ASSY, DUCT		SP4	1-505-252-11	SPEAKER (17CM) (SUPER WOOFER)	
_		(EXCEPT AEP, U	K, G, IT)	******	******	**********	*****
2	X-4946-959-1	PANEL (R) ASSY, DUCT					
2 2		(EXCEPT AEP, U PANEL (L) ASSY, DUCT (AEP, UK, G, IT PANEL (R) ASSY, DUCT (AEP, UK, G, IT)			S & PACKING MATERIALS* ***********************************	
						CORD, SPEAKER (RED/BLACK 2.5	
* 3		LED BOARD, COMPLETE (EXCEPT AEP, U	K, G, IT)			CORD, SPEAKER (BLUE/BLACK 2.	5m)
* 4		CABINET (L) ASSY, SPEAKER ng SP TERMINAL BOARD)(EXCEPT AEP, U	V C IT)	*	4-980-314-01	INDIVIDUAL CARTON	AED III C IT)
* 4		CABINET (R) ASSY, SPEAKER	n, u, 11)	*	4-980-318-01	(Indonesia product) (INDIVIDUAL CARTON (EXCEPT AE	PIK G IT)
		ng SP TERMINAL BOARD) (EXCEPT AEP, UI	K, G, IT)	*	4-980-685-01	CUSHION	, on, u, 11)
* 4	A-4384-053-A	CABINET (L) ASSY, SPEAKER					
* 4	A 4204 OF 4 A	(including SP TERMINAL BOARD) (AEP,	,UK,IT)	*	4-983-128-01	INDIVIDUAL CARTON	\ (1700 **** ****)
本 4	A-4364-U54-A	CABINET (R) ASSY, SPEAKER (including SP TERMINAL BOARD) (AEP,	IIK IT)			(Malaysia product	(AEP, UK, IT)
		(metading of Thimitian bound) (and	, 011, 11)	******	******	***********	*****
* 4	A-4384-104-A	CABINET (L) ASSY, SPEAKER	İ				
	1 1001 705 1	(including SP TERMINAL BOA	ARD) (G)			******	
* 4	A-4384-105-A		ADD) (C)			ARDWARE LIST	
5	4-981-069-01	(including SP TERMINAL BOA	AKD) (G)		**	*********	
SP1		SPEAKER (2CM) (SUPER TWEETER)		#1	7-685-162-01	SCREW +P 4X14 TYPE4	
SP2		SPEAKER (6CM) (TWEETER)		#2		SCREW +BTP 2.6X12 TYPE2	
CD3	1 505 961 11	CDDAVED (17CM) (WOODED)	İ			(EXCEPT	AEP, UK, G, IT)
SP3	1-202-701-11	SPEAKER (17CM) (WOOFER)					

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Home A&V Products Div.

English 96D0978-1 Printed in Japan © 1996. 4 Published by Home A&V Products Div. Quality Engineering Dept.

SS-LB655AV

SERVICE MANUAL



E Model Australian Model PX Model

This set is the speaker system in LBT-N555AV and LBT-N555AVK.

Photo: R-ch

SPECIFICATIONS

Speaker system

3-way speaker system

Magnetically shielded

type

Speaker units

Super woofer: 17 cm dia., cone

type

Woofer: 17 cm dia., cone type Tweeter: 6 cm dia., cone type Super tweeter: 2 cm dia., dome

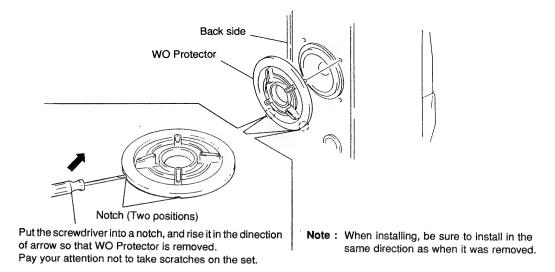
type

Nominal impedance 6 ohms

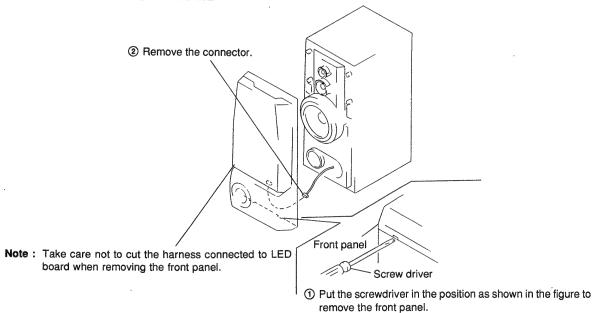
Design and specifications subject to change without notice.



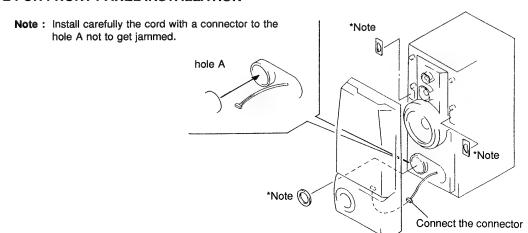
NOTE FOR REMOVING WO PROTECTOR



NOTE FOR REMOVING FRONT PANEL



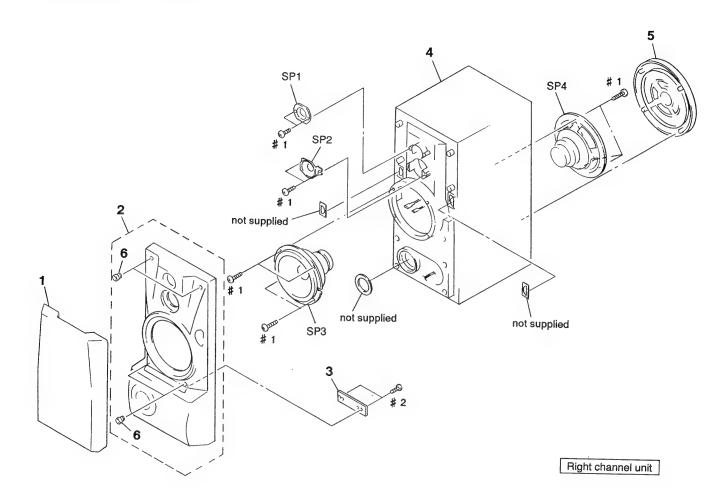
NOTE FOR FRONT PANEL INSTALLATION



*Note: Take care not to lose because it is easily removed.

EXPLODED VIEW

- NOTE:
 Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Abbreviation AUS : Australian model



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1 2 2	X-4947-282-1 X-4947-283-1	FRAME ASSY, GRILLE PANEL (L) ASSY, FRONT PANEL (R) ASSY, FRONT			*******	S & PACKING MATERIALS	
* 3 * 4		LED INDICATOR BOARD CABINET (L) ASSY, SPEAKER (including SP TERMINAL	BOARD)	*	1-775-458-11 4-980-316-01	CORD, SPEAKER (RED/BLACK 2,5m) CORD, SPEAKER (BLUE/BLACK 2,5m) INDIVIDUAL CARTON (AUS, PX) INDIVIDUAL CARTON (Indonesia prod	uct)
* 4	4-981-069-01		BOARD)	*	4-983-124-01	CUSHION (EXCEPT	AUS, PX)
6 SP1 SP2		CATCHER SPEAKER (2CM) (SUPER TWEETER) SPEAKER (6CM) (TWEETER)		*		INDIVIDUAL CARTON (Malaysia produ (EXCEPT	AUS, PX)
SP3 SP4		SPEAKER (17CM) (WOOFER) SPEAKER (17CM) (SUPER WOOFER)		*******	**********	**************************************	*****
				#1 #2	7-685-162-01 7-685-536-19		

SS-CN120

SERVICE MANUAL



US Model Canadian Model AEP Model UK Model E Model Australian Model PX Model

This set is the speaker system in LBT-D670AV/N555AV/N555AVK.

SPECIFICATIONS

Speaker system
Speaker units
Woofer: 10 cm dia., full type
Nominal impedance
8 ohms
Dimensions

 $\begin{array}{c} \text{Approx, } 345 \times 125 \times 165 \text{ mm} \\ (13 \, ^5/8 \times 4 \, ^5/8 \times 7 \, ^5/8 \text{ inches}) \\ (w/h/d) \text{ incl. front grille} \\ \text{Mass} \quad \text{Approx. } 1.85 \text{ kg } (4 \text{ lb}) \end{array}$

Design and specifications are subject to change without notice.

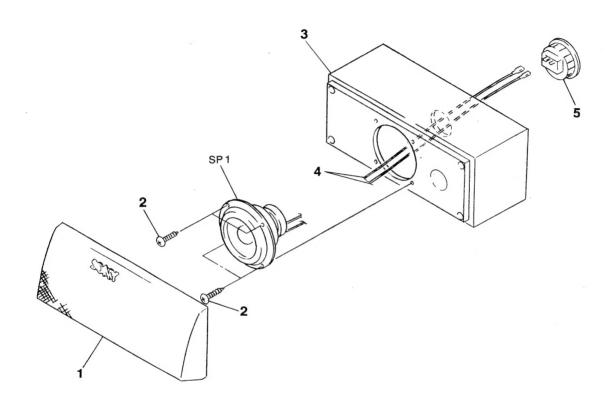


EXPLODED VIEW

NOTE

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation

G : German model



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1 2 * 3 * 3	4-874-614-11 4-983-156-01 4-983-157-01	GRILLE ASSY, FRONT SCREW +BVTP 3.5X14 CABINET, SPEAKER (EXCEPT G) CABINET, SPEAKER (G) LEAD (WITH CONNECTOR)		*	********* 4-982-589-01	ES & PACKING MATERIALS *********** CUSHION (CR) (UPPER) CUSHION (CR) (LOWER)	
5 SP1		TERMINAL BOARD SPEAKER (10CM)					

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English 96C090496-1 Printed in Japan © 1996. 3 Published by Home A&V Products Div. Quality Engineering Dept.

SS-SR120

SERVICE MANUAL



US Model Canadian Model AEP Model UK Model E Model Australian Model PX Model

This set is the speaker system in LBT-D570/D670AV/N555AV/N555AVK.

SPECIFICATIONS

Speaker system

Full speaker system

Speaker units

Woofer: 10 cm dia., full type

Nominal impedance

16 ohms

Dimensions

Approx. $175 \times 127 \times 165 \text{ mm}$

 $(7 \times 5 \times 7^{3})$ s inches)

(w/h/d) incl. front grille

s Approx. 1.3 kg (2 lb 13 oz.) per

speaker

Design and specifications are subject to change without notice.

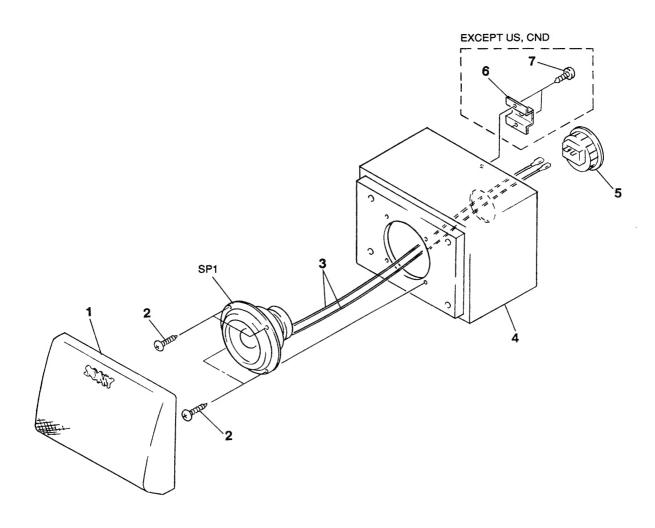


EXPLODED VIEW

NOTE:

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation

CND: Canadian model
G: German model



Ref. No.	Part No.	Description	Remark	Ref. No.	Part No.	Description	Remark
1 2 3 * 4 * 4 * 4 * 5 * 6 7 SP1	4-874-614-11 1-775-758-11 4-983-073-01 4-983-077-01 1-537-332-11 4-983-074-01 7-621-849-10	GRILLE, FRONT SCREW +BVTP 3.5X14 LEAD (WITH CONNECTOR) CABINET, SPEAKER (EXCEPT G) CABINET, SPEAKER (G) TERMINAL BOARD BRACKET, HOOK (EXCEPT US, CND) SCREW +P 3X12 TYPE4 (EXCEPT US, CNI SPEAKER (10CM) (WOOFER)	D)	* *	******** 1-751-347-11 4-982-587-01	S & PACKING MATERIALS ***************** CORD, CONNECTOR (10m) CUSHION (SR) (UPPER) CUSHION (SR) (LOWER)	